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MICHELL'S DISTINCTIVE SEEDS

MICHELL'S
IMPROVED
SEMPEL'S BRANCHING ASTER
IN SEPARATE COLORS AND MIXTURE
PKT. 10¢; 3 PKTS. 25¢
LARGE PKT. 40¢; OZ. \$1.50

HENRY F. MICHELL CO.

518 MARKET ST.

PHILADELPHIA

"EVERGREEN" SEED GARDENS
TORRESDALE, PA.

POSITIVELY THE BEST
EARLY TOMATO FOR
EITHER THE HOME
OR MARKET GARDEN

1912

TWENTY-THIRD
YEAR



MICHELL'S
CRACKERJACK TOMATO
THE IDEAL EXTRA EARLY VARIETY
PKT. 20¢; 3 PKTS. 50¢
½ OZ. 60¢; OZ. \$1.00; 4 OZ. \$3.50

Michell's Bureau of Information

To give our customers the very best of service, we have inaugurated an "Information Bureau," to which we hope you will frequently apply, either in person or in writing. This department is in charge of an expert, who will be able to answer intelligently all inquiries concerning horticulture or agriculture. All inquiries by letter will be promptly answered, and should be addressed to us, marked "Information Bureau."

CORRESPONDENCE IN FOREIGN LANGUAGES

For the convenience of our customers who would prefer their native language, we are pleased to announce that we are prepared to correspond in the following foreign languages: German, French, Italian, Spanish.

Hier Wird Deutsch Gesprochen. Ici On Parle Français. Si Parla Italiano
Aqui Se Habla Español

WE ESPECIALLY INVITE CHARGE ACCOUNTS

It is more convenient than remitting cash with every order you send. Parties unknown to us will please refer to some firm with whom they have an account, when sending their first charge order.

SHIPPING INSTRUCTIONS

Always state clearly by what method you want goods forwarded.

FREE BAGGAGEMASTER SERVICE

To points where this service is in operation we can ship all orders which can be packed in one parcel or piece not exceeding 50 pounds in weight free at prices quoted in this catalog. Fertilizers in more than 25-lb. lots, or bulky packages are not accepted by baggage master.

ORDER BY TELEPHONE

We have installed a most modern system of over 50 phones, enabling our customers to receive instant attention. A special staff of experienced salesmen are reserved exclusively for the telephone service, so that our patrons may enjoy intelligent shopping from their home.



TELEPHONES

BELL—LOMBARD			KEYSTONE—MAIN	
4220	4222	4224	3600	
4221	4223	4225	3601	

WE PAY POSTAGE AND PACKING

CHARGES (Except as noted)

On all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (pints and quarts are **not included**), nor such other seeds where mention is made in catalogue. If all seeds are wanted by mail, remit at the following rates:

For each pint of Peas, Beans and Corn, 8 cents.

For each quart of Peas, Beans and Corn, 15 cents.

For each quart of Grass Seed (excepting Clover and Timothy), 5 cents.

For each pound of Clover, Timothy or any other Farm or Feeding Seed, 8 cents.

No charge is made for boxes, packing or bags, except for 2-bushel seamless sacks, 22c. each, which are returnable for credit at the price charged.

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results of crops. If customers do not accept our goods on the above conditions, they can be returned to us within ten days.

PLEASE ORDER EARLY

We should greatly appreciate it, if our customers will adopt our suggestion to send us their orders during January and February. Shipment need not be made until you need the goods, when they will be ready.



HENRY F. MICHELL CO.

518 Market Street

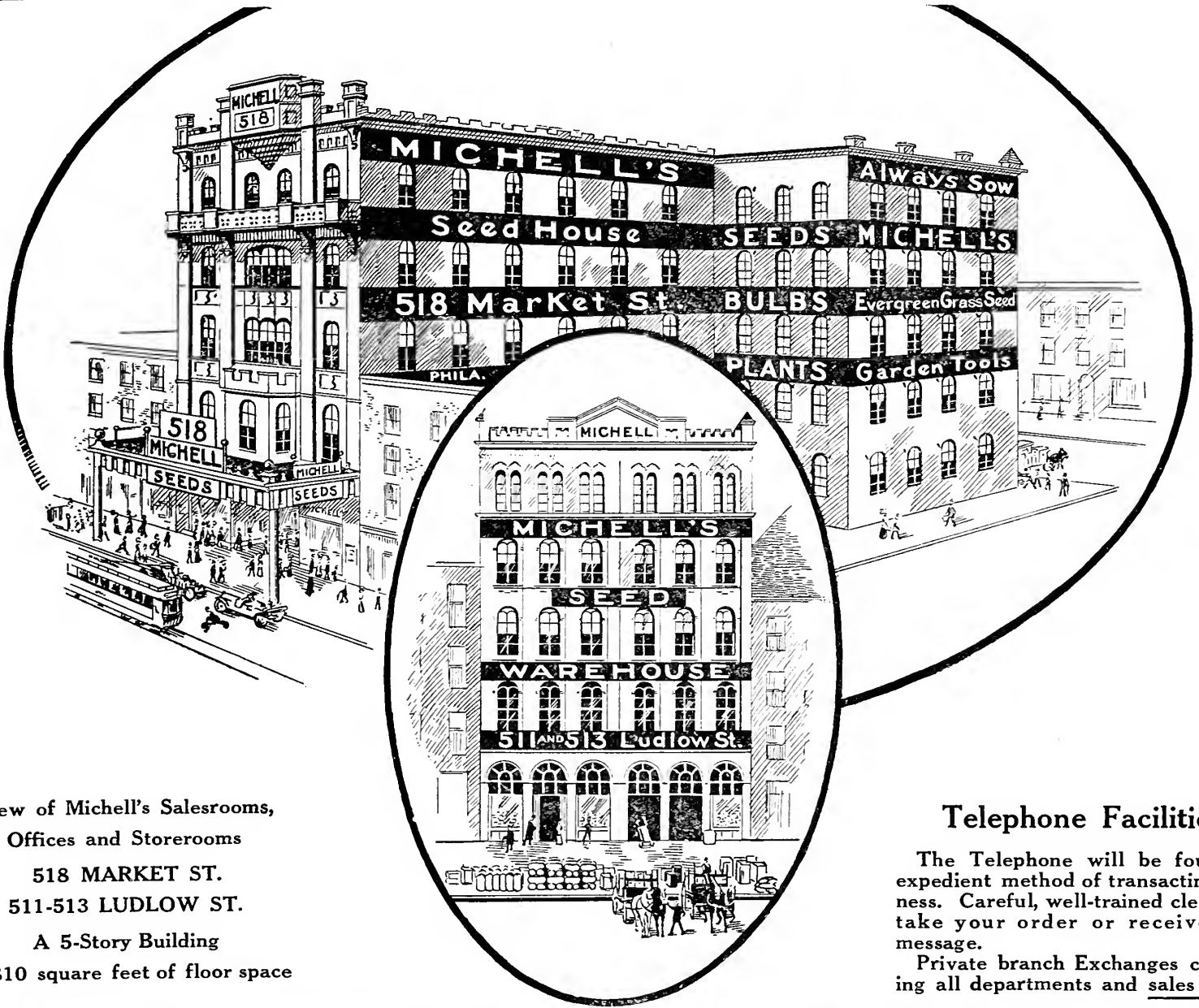
HENRY F. MICHELL, Pres.

PHILADELPHIA

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MICHELL'S RELIABLE GARDEN TOOLS, FERTILIZERS, **518** PHILA.
SEEDS, BULBS, PLANTS POULTRY SUPPLIES, ETC. MARKET ST.

1



View of Michell's Salesrooms,
Offices and Storerooms

518 MARKET ST.

511-513 LUDLOW ST.

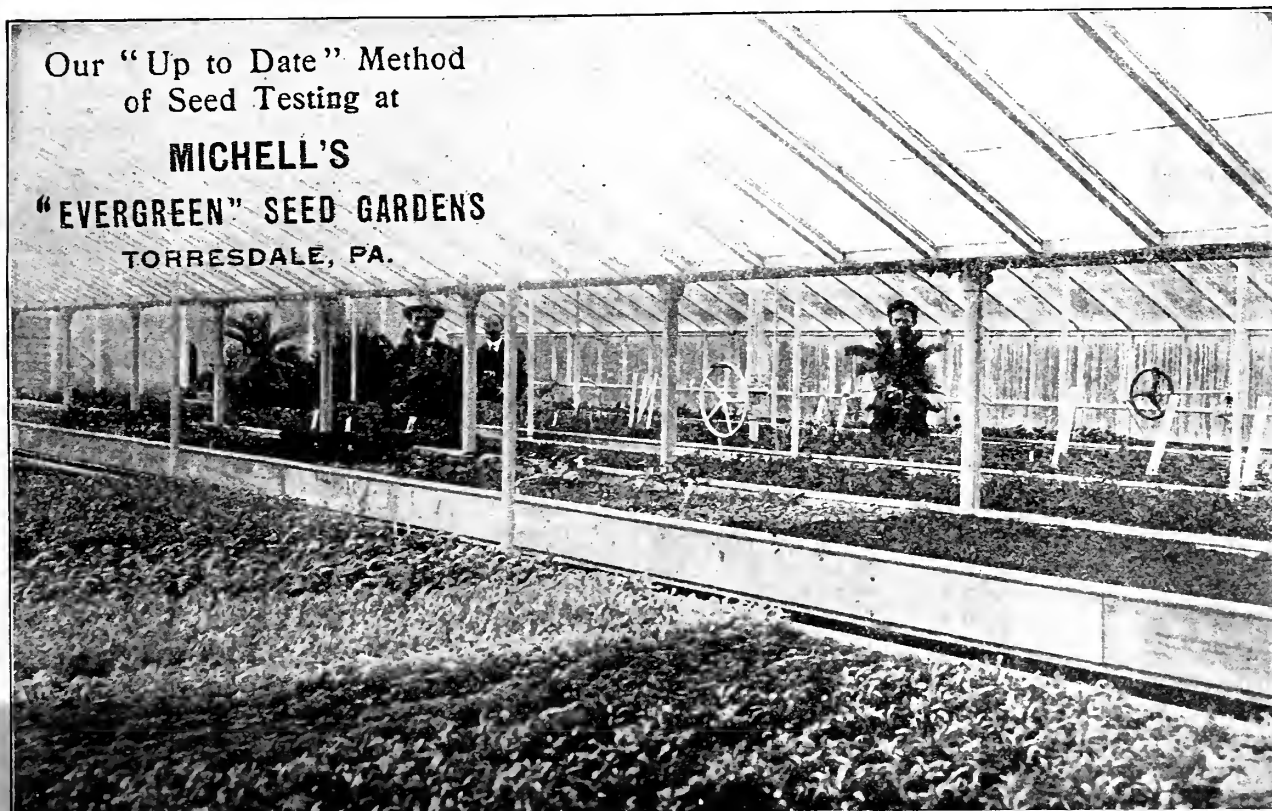
A 5-Story Building

39,810 square feet of floor space

Telephone Facilities

The Telephone will be found an expedient method of transacting business. Careful, well-trained clerks will take your order or receive your message.

Private branch Exchanges connecting all departments and sales people.



TELEPHONES

BELL—LOMBARD

4220	4222	4224
4221	4223	4225

KEYSTONE—MAIN

3600 and 3601



On Market Street

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MICHELL'S \$250.00 PRIZE OFFER FOR 1912

On September 10th, 11th and 12th, 1912, we propose to hold a **MAMMOTH EXHIBITION OF VEGETABLES**, where those who have grown Michell's Vegetables in 1912 may exhibit their product and receive as award one or more of the following prizes. To make it possible for all to compete, we have divided our offer into three divisions; Class 1 to be competed for by the private gardener only; Class 2 to be competed for by the market gardener only, and Class 3 to be competed for by the amateur only. Rules governing the exhibition and entry blank will accompany each order if asked for, or may be had from any sales-person at the store.

SCHEDULE OF PRIZES

CLASS 1. For Private Gardeners Only

Exhibit No.	Item	Quantity to be Exhibited	1st Prize	2d Prize
1	Improved Strain Golden Wax. Beans.	50 pods	\$2.00	\$1.00
2	"Evergreen" Pole Lima Beans	25 "	2.00	1.00
3	Beet, Improved Crimson Globe	6 beets	2.00	1.00
4	" Swiss Chard Lucullus	6 specimens	2.00	1.00
5	Cabbage, All Seasons	1 head	2.00	1.00
6	Carrot, Danver's	6 roots	2.00	1.00
7	Cauliflower, Snowstorm	2 heads	2.00	1.00
8	Corn, Delicious	6 ears	2.00	1.00
9	" Early Giant Wonder	6 "	2.00	1.00
10	Cucumber, Arlington White Spined	6 specimens	2.00	1.00
11	Egg Plant, Black Beauty	2 "	2.00	1.00
12	Lettuce, Michell's Number 1	3 heads	2.00	1.00
13	" Kingsholm Cos.	3 "	2.00	1.00
14	Muskmelon, "Delicious"	2 specimens	2.00	1.00
15	Water Melon, Tom Watson	1 "	2.00	1.00
16	Okra, Perkin's	12 "	2.00	1.00
17	Onion, Ailsa Craig	6 "	2.00	1.00
18	" Southport White Globe	6 "	2.00	1.00
19	Pepper, New Apple	6 "	2.00	1.00
20	" Chinese Giant	6 "	2.00	1.00
21	Potato, "Beats Them All"	12 "	2.00	1.00
22	Radish, Cardinal Globe (Private Stock)	12 "	2.00	1.00
23	" Icicle, Improved Strain	12 "	2.00	1.00
24	Squash, White Bush	3 "	2.00	1.00
25	Tomato, Michell's Selected Globe	6 "	2.00	1.00
26A }	Crackerjack. For particulars see			
26B }	bottom of page		4.00	2.00
27	Collection of 20 Varieties of Vegetables		10.00	5.00

CLASS 3. For Amateur Gardeners Only

Exhibit No.	Item	Quantity to be Exhibited	1st Prize	2d Prize
28	Stringless G. P. Beans, Improved Strain	50 pods	\$2.00	\$1.00
29	Evergreen Pole Beans	25 "	2.00	1.00
30	Beets, Crosby's Egyptian	6 specimens	2.00	1.00
31	" Swiss Chard Lucullus	6 "	2.00	1.00
32	Collection of Kitchen Garden Herbs	10 varieties	2.00	1.00
33	Carrot, French Forcing	12 specimens	2.00	1.00
34	" Rubicon	6 "	2.00	1.00
35	Corn, Golden Bantam	6 ears	2.00	1.00
36	" Ideal	6 "	2.00	1.00
37	Chervil	1 qt.	2.00	1.00
38	Cucumber, Cool and Crisp	6 specimens	2.00	1.00
39	Kohl Rabi, Purple Vienna	6 "	2.00	1.00
40	Lettuce, Mammoth Salamander	3 heads	2.00	1.00
41	" Kingsholm Cos.	3 "	2.00	1.00
42	Muskmelon, Fordhook	2 specimens	2.00	1.00
43	Onion, Prizetaker	6 "	2.00	1.00
44	Radish, Crimson Giant	12 "	2.00	1.00
45	" Early French Breakfast	12 "	2.00	1.00
46	Spinach, New Zealand	6 plants	2.00	1.00
47A }	Tomato, Crackerjack. For particu-			
47B }	lars see bottom of page		4.00	2.00
48	Turnip, White Flat Dutch	6 specimens	2.00	1.00
49	Display of Vegetables, not less than 10 varieties		5.00	2.50

CLASS 2. For Market Gardeners Only

Exhibit No.	Item	Quantity to be Exhibited	1st Prize	2d Prize
50	Beans, Fordhook Bush Lima	100 pods	\$3.00	\$2.00
51	Beet, Detroit	12 specimens	3.00	2.00
52	Cabbage, Early Summer	3 "	3.00	2.00
53	Carrot, Rubicon	12 "	3.00	2.00
54	Lettuce, Sensation	6 "	3.00	2.00
55	Lettuce, Dutch Butter, Private Stock	6 specimens	\$3.00	\$2.00
56	Onion, Yellow Globe Danver's	12 "	3.00	2.00
57	Radish, White Strasburg	25 "	3.00	2.00
58	Tomato, Michell's Very First	12 "	3.00	2.00
59	" Stone, Private Stock	12 "	3.00	2.00

MICHELL'S CRACKERJACK TOMATO

See price of Seed on page 50

Prize winners of the 1911 competition for this variety:
James Bustard, Germantown, Pa. First Fruit.
Thos. Webster, Bryn Mawr, Pa. Largest Cluster.
M. E. Atkinson, Croydon, Pa. Largest specimen.

PRIZE OFFER FOR 1912

Exhibit	1st Prize	2d Prize
26A. For the cluster having the greatest number of fruits	\$2.00	\$1.00
26B. For the largest specimen	2.00	1.00
47A. For the cluster having the greatest number of fruits	2.00	1.00
47B. For the largest specimen	2.00	1.00

\$5.00 FOR A NAME

Every customer who will purchase Vegetable Seeds during 1912 is entitled to a trial pkt. of a

WONDERFUL NEW MUSKMELON ("FREE")

which is now introduced for the first time. Each package will contain 5 seeds and will be included **free** with each order of Vegetable Seeds if asked for. To identify it we label it **No. 518**.

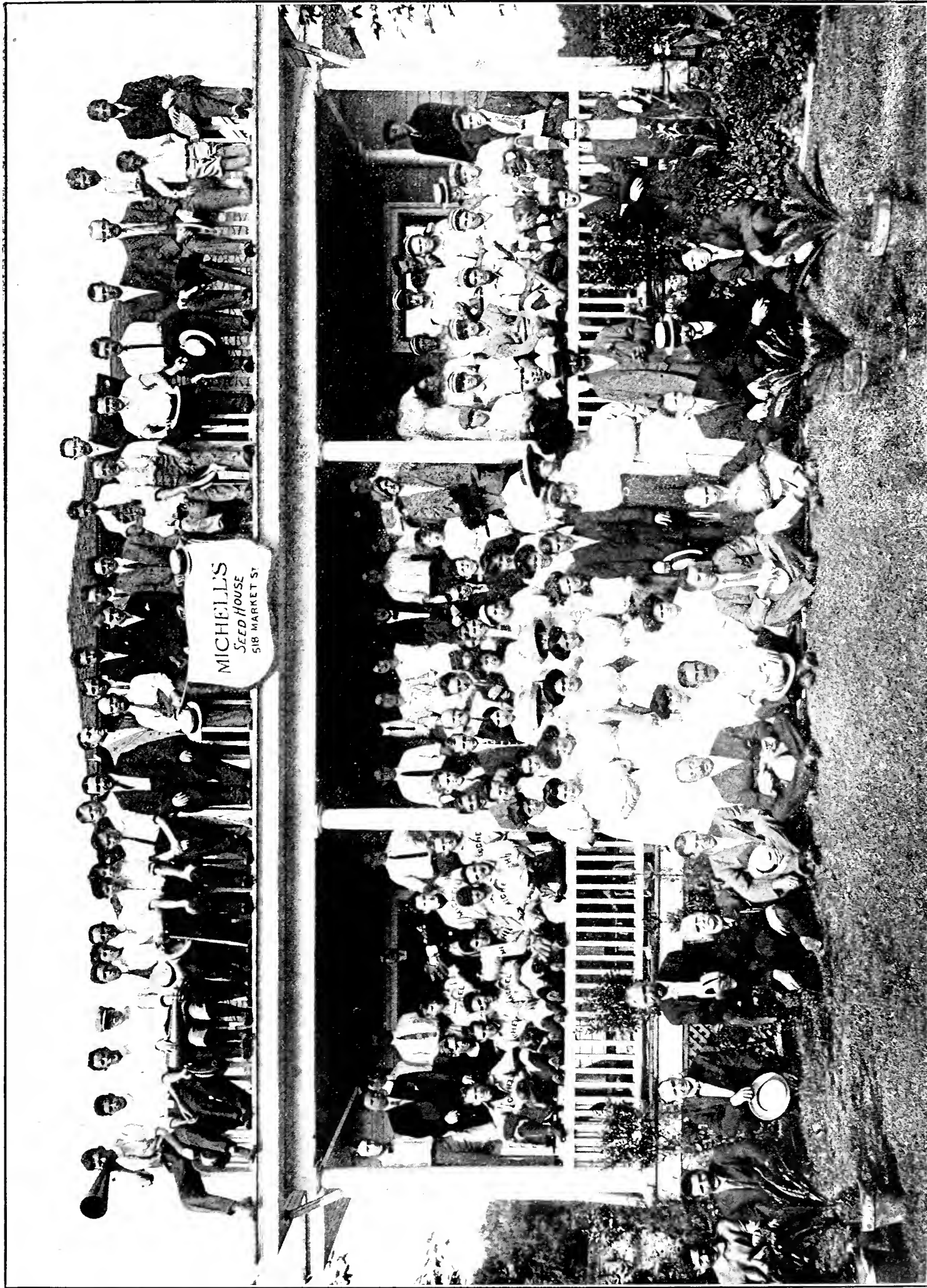
Every one who grows it is asked to submit to us a suitable name and description before September 10th, 1912. From these suggestions we will adopt one for its future name. The person who suggests this name will be the recipient of \$5.00 in gold.



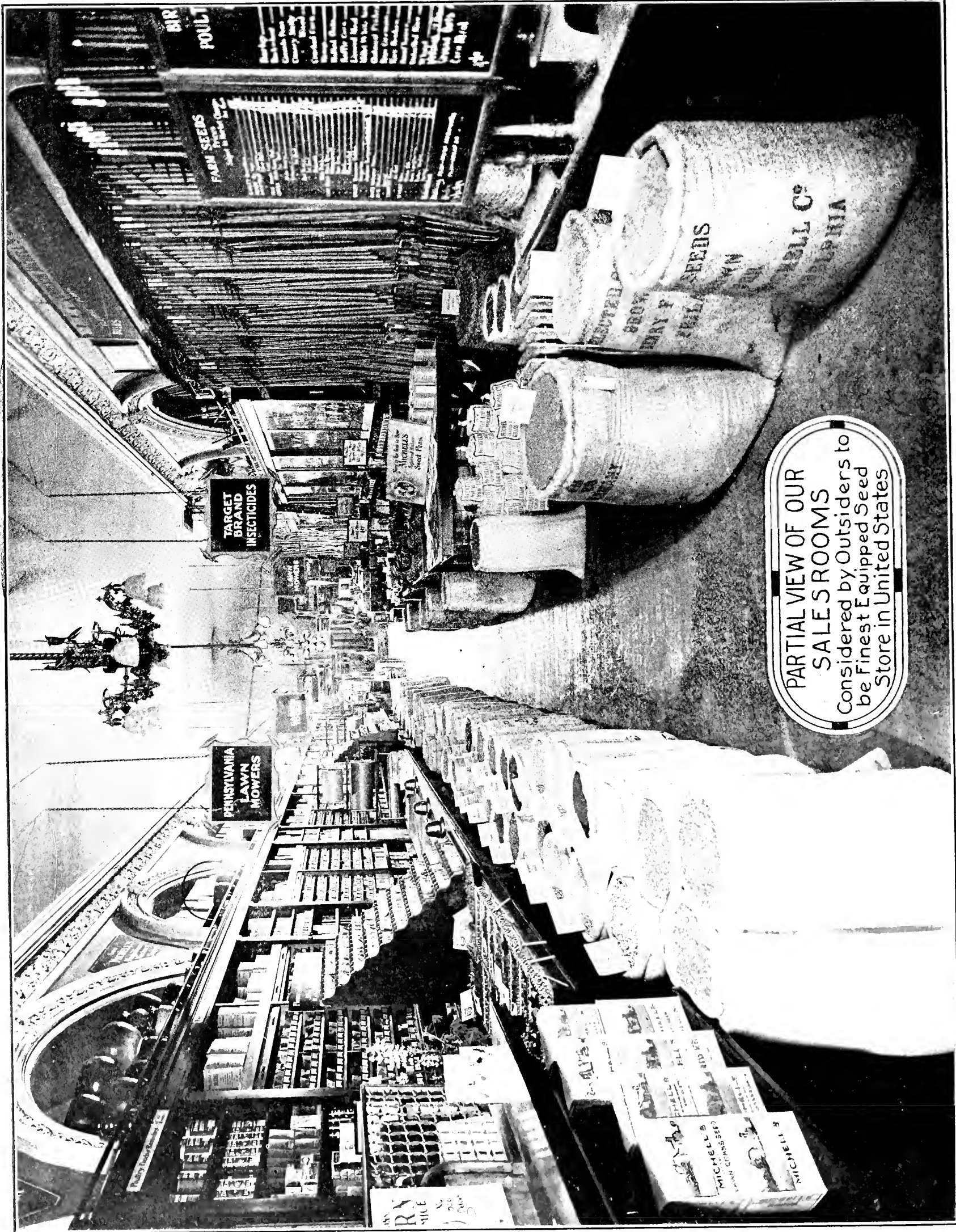
PANORAMA OF **MICHELL'S**
SALESROOMS AND OFFICES
518 MARKET ST.
WAREHOUSES
513 515 LUDLOW ST.
PHILADELPHIA

"EVERGREEN" SEED

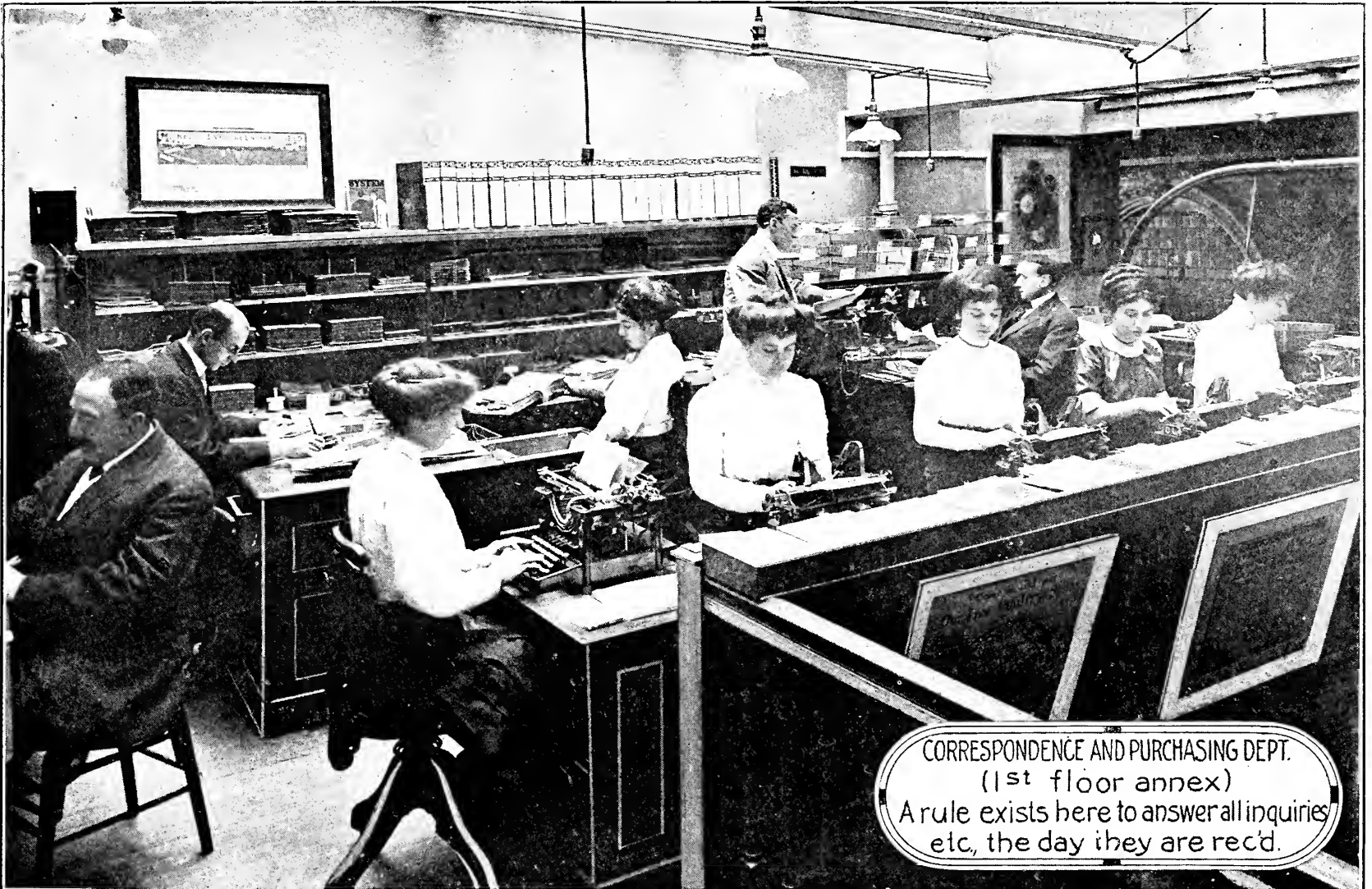
GARDENS
TORRESDALE (NEW YORK DIV.)
PA. PENNA. R.R.
WHERE MANY THOUSANDS
OF PLANTS ARE GROWN
ANNUALLY



Annual Outing of the Employees of MICHELL'S SEED HOUSE at their "EVERGREEN SEED GARDENS," TORRESDALE, PA
Also showing the "MICHELL BASE BALL TEAM"



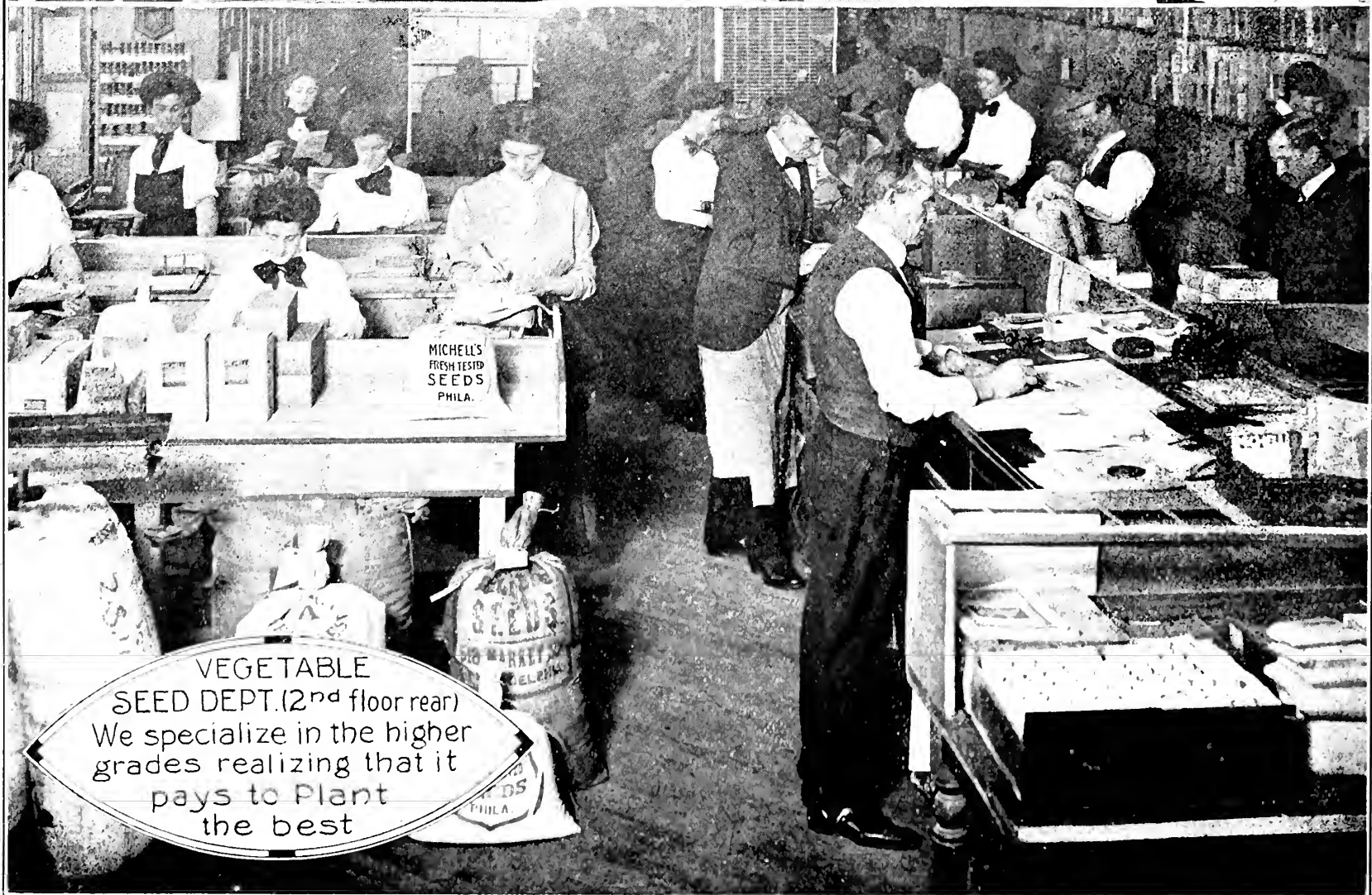
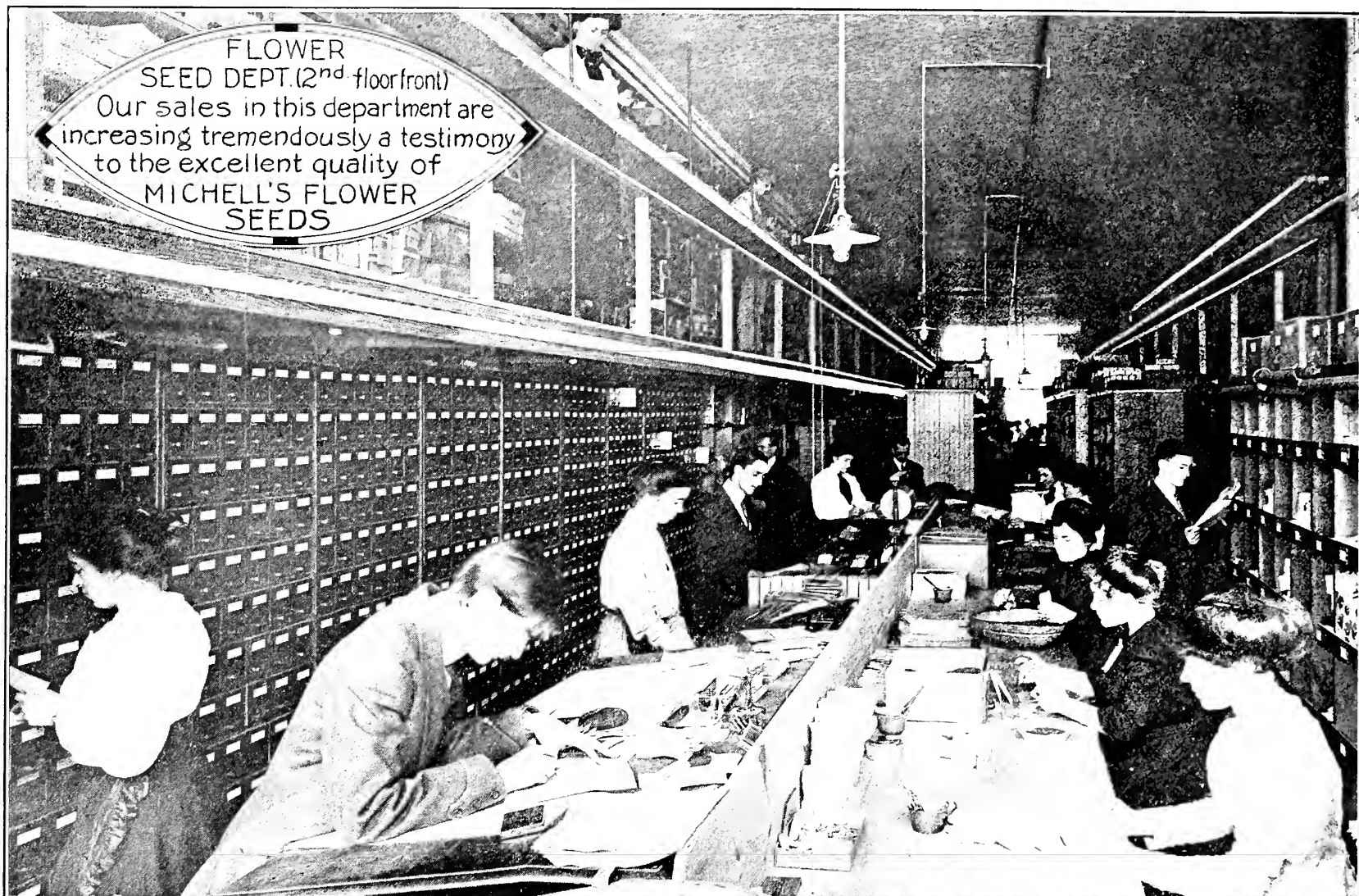
**PARTIAL VIEW OF OUR
SALE ROOMS**
Considered by Outsiders to
be Finest Equipped Seed
Store in United States

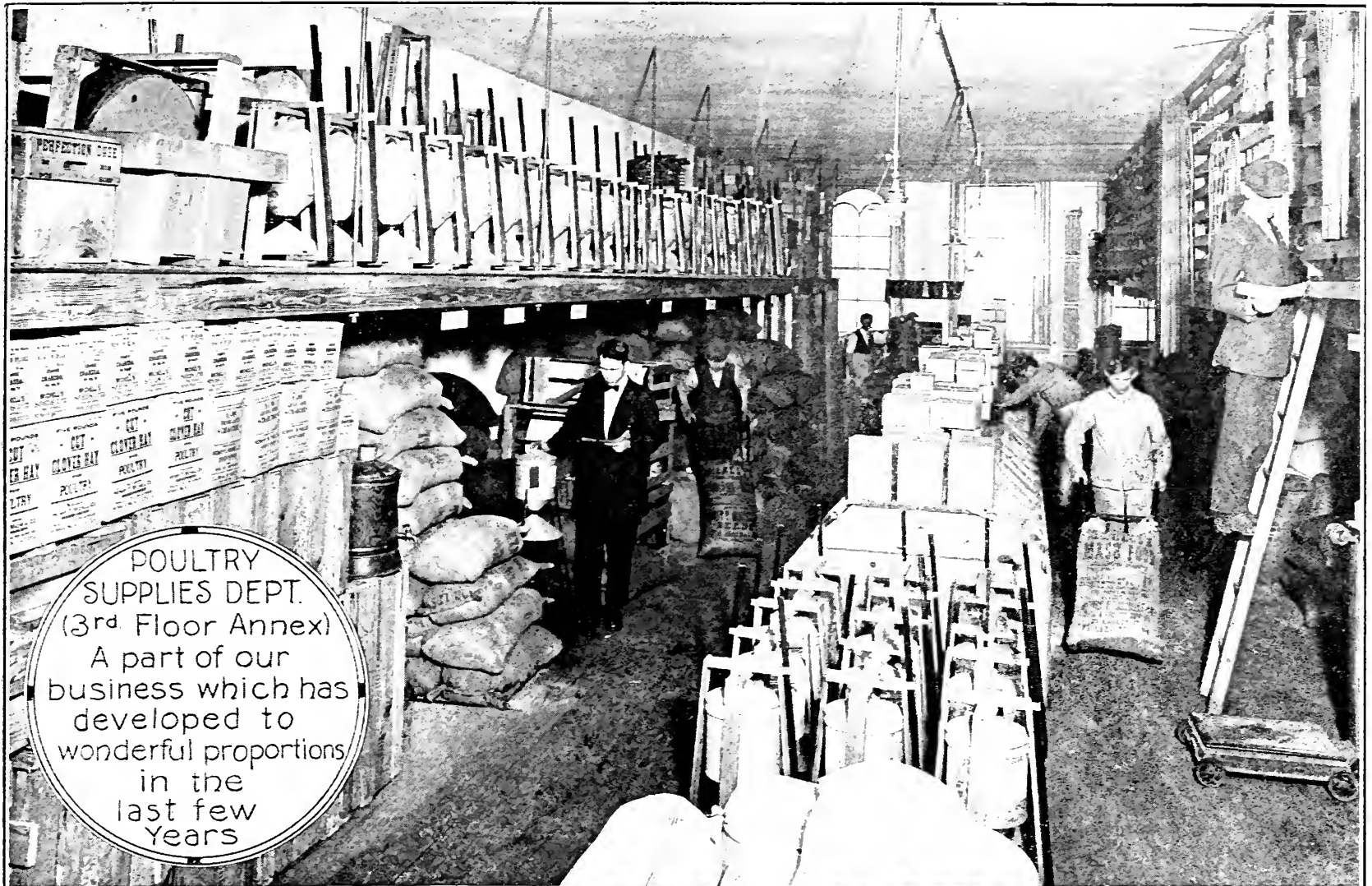


CORRESPONDENCE AND PURCHASING DEPT.
(1st floor annex)
A rule exists here to answer all inquiries
etc, the day they are rec'd.



DEPT. OF ACCOUNTS
(2nd floor annex)
Here one will find installed the most up
to date system of accurate book-keeping. All
orders are received here and our vast
mail is handled with utmost rapidity.

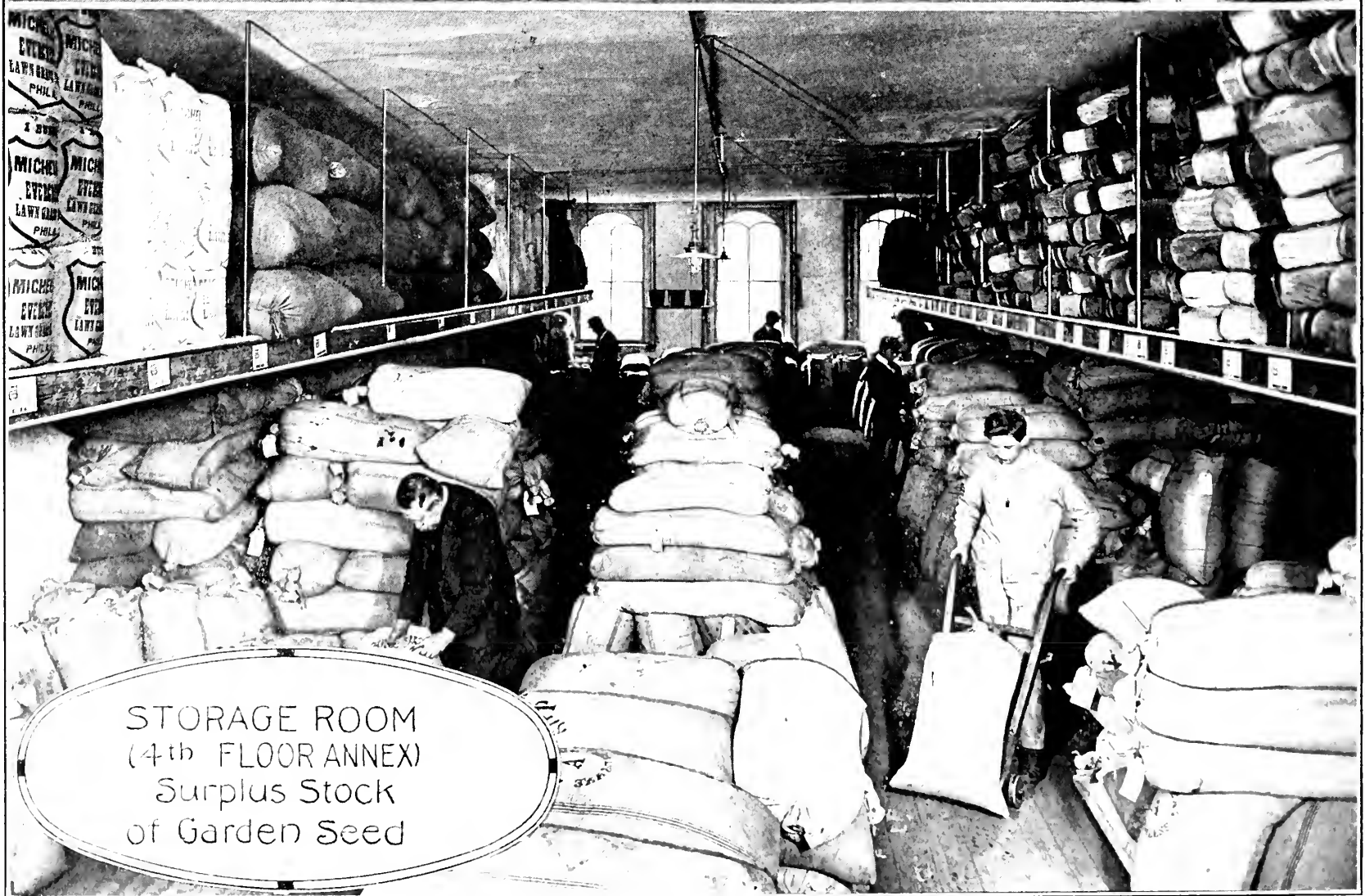




POULTRY
SUPPLIES DEPT.
(3rd Floor Annex)
A part of our
business which has
developed to
wonderful proportions
in the
last few
Years



TOOL
AND SUNDRIES DEPT.
(3rd Floor)
This department embraces
an endless variety of goods
used by the gardener, farmer
and florist. It is conceded
to have the most complete
collection of sundries
offered by any Seed House





BULB STORAGE DEPT.
(Basement)
Where over 5,000,000 (five million)
bulbs were handled in 1911.



FERTILIZER AND HEAVY MDSE. STORAGE
(5th Floor)
This Floor is used for storing enough
of our heavy goods for each days
requirements the stocks being
replenished daily as required.

MICHELL'S GREEN VELVET

GRASS SEED

This mixture has stood the test of every clime and region in the United States. It is the result of many years of untiring study, labor and experimenting, coupled with the endeavor to give the man with a lawn a grass seed mixture which will produce a perfect turf. It is composed of close growing, fine leaved hardy grasses which will stand wear and tear, and outlive the severest winter. Our experiments have proven conclusively that only with a reliable mixture of several varieties of grasses can a quick permanent lawn be produced, for this reason we do not recommend the sowing of any one variety, such as Blue Grass, etc., alone.

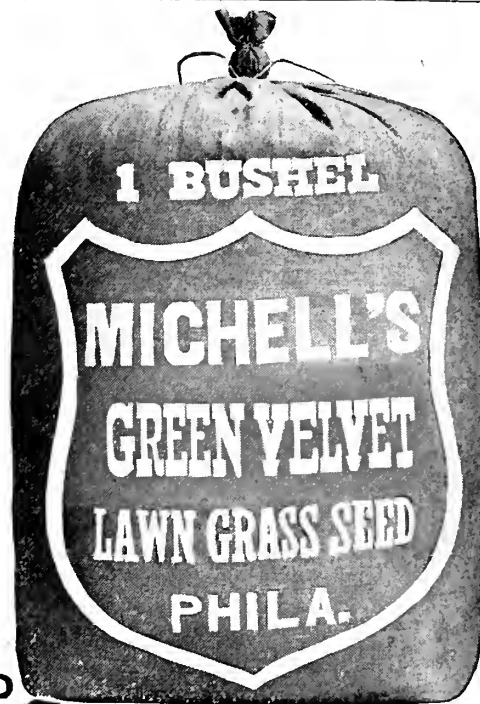
The remarkably *Fine Lawns* seen at the Philadelphia National Export Exposition, The Pan American Exposition, Buffalo; The Jamestown Exposition, Va.; The Lewis-Clarke Exposition, Portland, Ore., were seeded with **MicHELL'S FROM SEED Green Velvet Grass Seed**. For years it has been extensively sown in the Public Parks and Squares of Philadelphia, (including Fairmount Park). The Parks of Wilkes-Barre, Reading, Harrisburg, Penna., on the Executive Mansion Grounds, Washington, D. C., and on thousands of Country Estates.

TESTIMONIAL

The 30 bushels of Green Velvet Grass Seed received from you last month was sown in three different places about (seven acres in all). I feel proud when I say it was the best seed I ever handled; the lawns it made are great.

D. J. BENNETT,

Supt. to Percy Leavitt, Esq., AKRON, OHIO.



MicHELL'S Green Velvet Grass Seed weighs 20 lbs. per bushel. This fact alone is proof of its purity.

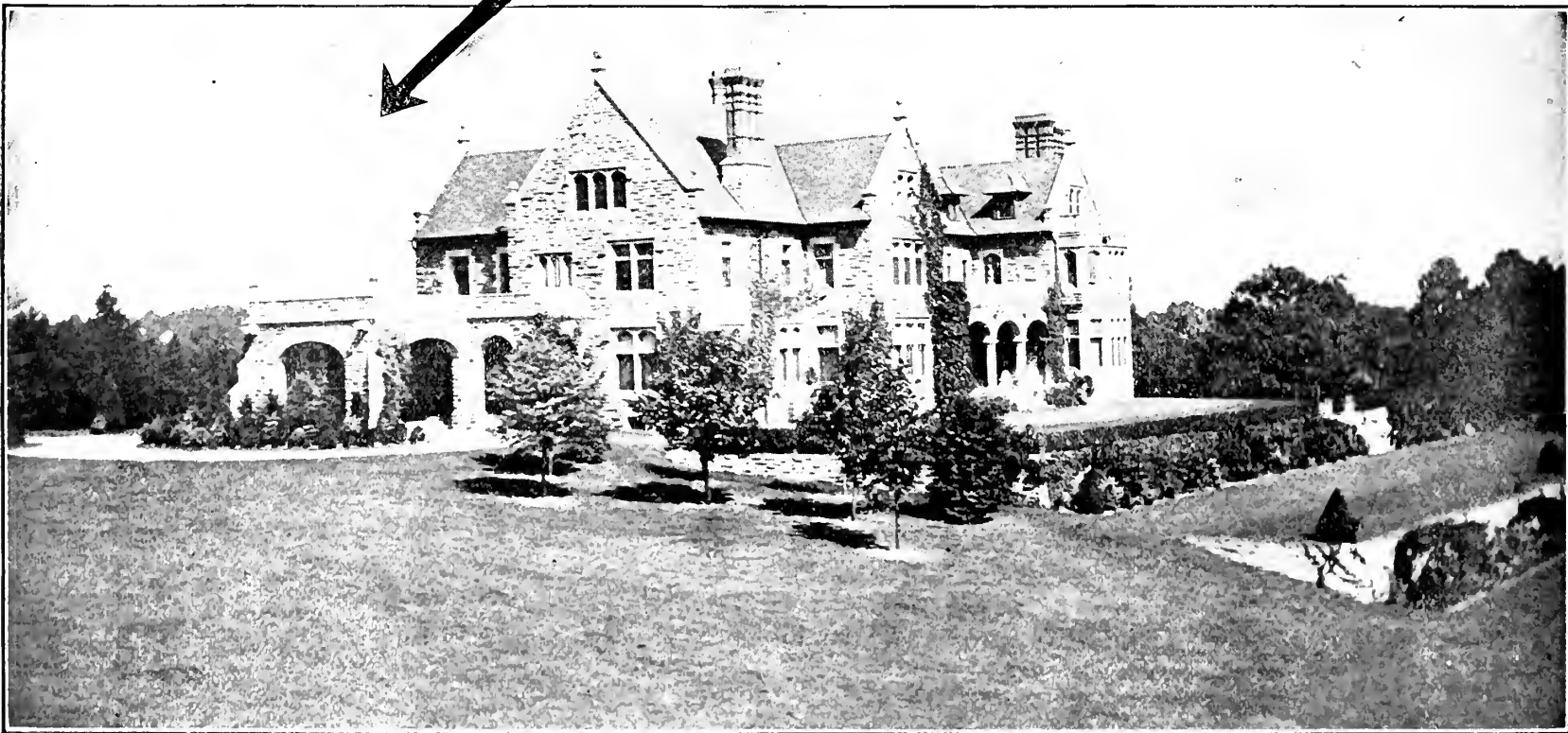
Quantity to Sow. You cannot sow too much, the more the better, it means a quicker, more satisfactory and lasting result. We recommend, on new ground, to sow as follows:

1 qt. on 100 sq. feet, (10 x 10); 4 qts. on 600 sq. feet, (20 x 30); 1 peck on 1500 sq. feet, (30 x 50); 1 bushel on 7000 sq. feet, (70 x 100); 5 to 6 bushels per acre for best effects.

Prices: 1 pint 20c.; 1 qt., 30c.; 4 qts., 85c.; 1 peck, \$1.25; 1 bushel, \$5.00; 5 bush., \$24.00; 10 bush., \$47.50; 25 bush., \$112.50.

INSTRUCTIONS How to Make a Lawn included in all Orders Free.

TO LAWN



CITY HALL, PHILADELPHIA.
GENTLEMEN:—I congratulate you on the excellence of MicHELL'S Green Velvet Grass Seed. We used 500 bushels of it this year with fine success. Every day I have inquiries from people who stroll through our squares asking me as to the source of the seed.

JOHN C. LEWIS, City Forester and Landscape Gardener.

MicHELL'S Green Velvet Grass Seed is the best and purest I ever used. I seeded my lawn April 15th and mowed it exactly 6 weeks later. Its appearance now, a year later, is perfect, all due to the splendid quality of the seed.

JOHN G. SHELMIER, Bethayres, Pa.

MICHELL'S EVERGREEN GRASS SEED

Where soil conditions and weather are ideal this mixture will in most cases produce a green sward in three to four weeks. It is composed of the finest native and foreign short growing and fine bladed lawn grasses and will form a turf which can only be approached for quality by a covering of real velvet. The quantity required to sow a given space is the same as that recommended for Michell's Green Velvet on the opposite page. It weighs 20 lbs. per bushel and every kernel is full of vitality. Prices: Pint 15c., qt. 25c., 4 qts. 65c., peck \$1.25, bush. (20 lbs.) \$4.00, 5 bush. \$19.50, 10 bush. \$38.50.

TESTIMONIAL

Washington, D. C.

I bought from you last winter some Michell's Evergreen Grass Seed and sowed it this spring. It is by long odds the finest I've ever seen, if my lawn is any criterion.

W. H. Green.

TESTIMONIAL

Trenton, N. J.

Your Michell's Evergreen Grass Seed has already produced a fine lawn and sown only a few weeks ago. It's a grand mixture indeed.

Henry Clinkaberry.



**MICHELL'S SHADED LAWN
GRASS SEED**
25¢ per qt., 4 qts. 75¢, \$1.25 per peck
per bu. 20 lbs. \$5.00.

MICHELL'S SHADED LAWN GRASS SEED

Shaded Locations produced by overhanging large trees, shrubbery, buildings, etc., have often been found difficult to keep in grass. We have made a special study of such conditions and after extensive experimenting have combined a mixture of grasses that will produce perfect swards in the most densely shaded places. It must be borne in mind that too much shade creates sour soil and to guard against this apply air-slaked lime (or land plaster where the former is not available) at the rate of 1 bushel to each 1000 square feet. Lime should be applied about every three years only, while land plaster may be applied periodically during the summer. Frequent fertilizer applications, such as bone meal or sheep manure are a great help in establishing a thick, healthy growth of grass in shaded places. Sow seed at the same rate as recommended for Green Velvet Grass on preceding page. This mixture weighs 20 lbs. per bushel and will prove to be a remarkable success. Prices: 1 pt. 15c., 1 qt. 25c., 2 qts. 40c., 4 qts. 75c., peck \$1.25, bush. (20 lbs.) \$5.00, 5 bush. \$24.00, 10 bush. \$47.50.

TESTIMONIAL

I've used Michell's Shaded Lawn Seed and have the highest praise for its remarkable quality. Have tried many times previously to get a stand of grass under some trees, but have not been successful 'till I used your Shaded Lawn Mixture.

Frackville, Pa.

W. R. Trautman.

TESTIMONIAL

Enclosed find check for \$33.70 for Michell's Shaded Lawn Seed received. I've used this on new ground, and tho' sown but a short time it is all up and the ground well covered with grass. It has given splendid satisfaction.

West Chester, Pa.

S. G. Willauer.



MICHELL'S GOLF COURSE GRASS SEED

MICHELL'S FAIR GREENS MIXTURE

The formula for this mixture was reached after a lifetime experience of the late P. F. Foy, at the time Superintendent of the Philadelphia Country Club, Bala, Pa. These grounds were conceded to be and still are the finest golfing turf in the United States; Michell's Grass Seeds have been sown there annually for many years. The mixture is composed of short-growing, deep-rooted varieties that resist plenty of wear. It retains its color well during the severest droughts, and the clubs mentioned below are a few of the many whose courses are seeded with Michell's Fair Greens Mixture. Golf courses to retain their permanency should receive additional sowings during the season to replace any weak or wornout spots. Sow 6 bushels per acre.

Prices: Qt. 20c., 2 qts. 35c., 4 qts. 50c., 1 peck 85c., 1 bu. (15 lbs.) \$3.25, 5 bus. \$15.00, 10 bus. \$27.50, 25 bus. \$65.00.

MICHELL'S PUTTING GREEN MIXTURE

While many greens keepers prefer to make their own mixtures for this purpose, there are some who rely on the ability and experience of the seedsman. Our formula for this has been reached after many extensive tests, and those who desire to sow it will not be disappointed in the results they get from it. It is a quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. In sowing Putting Greens it is wise economy to be very liberal with the seed, as these places are subjected to continuous hard use. We do not recommend less than 1 bushel of 20 lbs. to a green 75 foot square.

Prices: 1 qt. 30c., 4 qts. 90c., 1 peck \$1.50, 1 bush. (20 lbs.) \$6.00, 5 bush. \$28.75, 10 bush. \$55.00.

WHITE CLOVER

Choicest re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs per bu)
 $\frac{1}{4}$ lb., 15c.; 50c. lb.; 5 lbs., \$2.35; \$4.50 for 10 lbs.; bu. (60 lbs.), \$25.00; \$40.00 per 100 lbs.

A FEW OF THE CLUBS THAT USE MICHELL'S GRASS SEEDS

Aronimink Golf Club

Des Moines Country Club

Merion Cricket Club

St. Davids Golf Club

Athletic Club of Phila.

Lausdorene Country Club

Philadelphia Country Club

West Brook Country Club

Bucks County Country Club

Euclid Club

Philadelphia Cricket Club

West Chester Golf and Country Club

Cape May Golf Club

Huntingdon Valley Country Club

Philmont Country Club

White Marsh Valley Country Club

And many others, including numerous private golf courses.

MICHELL'S SPECIAL MIXTURES OF GRASSES

Fairmount Park Lawn Seed. A very fine mixture indeed, meeting the requirements of those desiring a moderately priced grass seed. Sow 4 bushels to the acre on new lawns or 2½ bushels in renovating old lawns. Prices: Per qt. 20c., 35c. for 2 qts., 4 qts. 60c., 85c. per pk., per bush. of 15 lbs. \$3.00, \$14.00 for 5 bush., 10 bush. \$27.50.

Michell's Seashore Formula Grass Seed. The salt atmosphere plays havoc with the seashore lawn. This formula contains such grasses only as thrive in salt air regions. Sow 4 bushels to the acre on new ground or 2½ bushels for reseeding old lawns. Prices: Per qt. 25c., 40c. for 2 qts., 4 qts. 75c., \$1.25 per pk., per bush. of 20 lbs. \$5.00, 5 bush. for \$24.00, \$46.00 for 10 bush.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt. 25c., 40c. for 2 qts., 4 qts. 75c., \$1.25 per pk., per bush. of 20 lbs. \$5.00, 5 bush. \$24.00, \$46.00 for 10 bush.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt., 2 qts. 35c., 60c. for 4 qts., pk. \$1.00, \$3.50 per bush., 5 bush. \$16.25.

Special Sod Grass Seed. A quick growing mixture, making a very tough and heavy sod in a short time; especially valuable for cemeteries, tennis courts, pleasure grounds, etc. 15 lbs. per bush. Prices: 25c. per qt., 2 qts. 40c., 75c. for 4 qts., pk. \$1.00, \$4.00 per bush., 5 bush. \$18.75, \$36.50 for 10 bush.

Note—All Grass Mixtures except Putting Greens and Golf Course contain white clover. Any of them, however, can be furnished without this.



Michell's Permanent Pasture Grass Seed. In the past few years ideas of what was the best way to establish a permanent grazing sod have undergone many changes. The then prevalent method of sowing timothy and clover has been found not only costly but too short lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established pastures (15 lbs. per bushel). Prices: Per qt. 20c., 4 qts. 50c., peck 85c., bush. (15 lbs.) \$3.00, 5 bush. \$13.75, 10 bush. \$26.00, 25 bush. \$62.50, 50 bush. \$120.00.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in the mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bushels per acre on new lands, or 2 bushels on established fields (15 lbs. per bushel). Prices: Per qt. 20c., 4 qts. 50c., peck 85c.; bush (15 lbs.) \$3.00, 5 bush. \$13.75, 10 bush. \$26.00, 25 bush. \$62.50, 50 bush. \$120.00.

An **English Chain Harrow** is ideal in preparing grass lands.
 No. 1—For 1 horse, 5 x 6 feet \$10.50
 No. 2—For 2 " 6 x 7¾ " 22.50
 No. 3—For 2 " 9 x 11 " 29.00

WE ARE HEADQUARTERS FOR GRASS SEEDS

MICHELL'S RECLEANED GRASS SEEDS

SEPARATE VARIETIES

Some people prefer to sow grasses of one kind or a combination of several grasses, and there are many occasions when this is advisable; for those, we have arranged below a list of the best sorts in use to-day. They are absolutely pure, free from weed seeds and have all passed the high standard established by the U. S. Dept. of Agriculture, to whom they are submitted by us for purity and germination tests before being placed on the market. Samples cheerfully mailed on request free.

Awnless Brome (*Bromus inermis*). This is a native perennial of Austria, growing from 3 to 5 ft. high. It is excellent for hay and does well on very dry soils, therefore valuable in climates that are subject to severe droughts. Roots are of creeping habit and when once established, is permanent for years. Used principally as a hay or pasture grass. Sow 40 lbs. per acre (14 lbs. per bush.). 16c. lb., bush. \$2.00, \$13.50 per 100 lbs.

Blue Grass—Recleaned Kentucky (*Poa pratensis*). This grass possesses more merit than possibly any other, for lawn and pasture work it is invaluable; once established it lasts indefinitely. It forms a very close turf of fine texture, succeeding in most any soil or climate. In sowing it is well to mix with it other grasses that mature sooner, as blue grass requires several years before it reaches maturity. Sow from 3 to 5 bush. to the acre (14 lbs. per bu.). 25c. qt., 35c. lb., bu. \$4.50, \$30.00 per 100 lbs.

Bermuda Grass. Hardy only in the South, used there for pasture and lawn; sow 15 lbs. per acre. 75c. lb., 10 lbs. \$7.00 \$67.50 per 100 lbs.

Blue Grass Canada (*Poa Compressa*). A perennial with creeping root habit, forming a dense and durable turf. It thrives on the poorest kind of ground and under all extremes of condition; it makes fine pasture. Grows about 20 inches high, according to conditions of soil. Sow 3 to 5 bushels per acre (14 lbs. per bushel). 28c. lb., bush. \$3.50, \$23.00 per 100 lbs.

Creeping Bent (*Agrostis stolonifera*). A compact perennial grass of creeping habit, producing a turf of resisting qualities. On account of this feature it is especially recommended and used for putting greens and is admirable for lawn work. Sow 3 to 4 bushels to the acre (20 lbs. per bushel). 40c. lb., bush. \$6.75, \$32.50 per 100 lbs.

Crested Dog's Tail (*Cynosurus cristatus*). A dense-growing variety thriving best on rich, moist soil, although it can adapt itself to various conditions; it is ideal for putting greens and lawn work, thriving also well in the shade; grows from 1 to 2 feet high. Sow 3 to 4 bushels to the acre (21 lbs. per bushel). 40c. per lb., bush. \$6.25, \$27.50 per 100 lbs.

English or Perennial Rye Grass (*Lolium perenne*). (Pacey's short seeded.) An ideal grass for lawn, hay or pasture; it is recommended where a quick, strong growth is wanted, making a good appearance in from four to five weeks; it does well on terraces on account of its deep rooting nature; when matured it is from 1½ to 2 feet high. Sow 3 bushels to the acre (24 lbs. per bushel). 12c. lb., per bu. \$2.60, \$10.00 per 100 lbs.

Fine Leaved Fescue (*Festuca tenuifolia*). (Slender Fescue.)

This does well even on very dry, poor soils; for this reason is desirable for terrace work; stands grazing unusually well and is an all-around desirable grass for lawns, pleasure grounds or pasture fields. Sow 3 bushels to the acre (14 lbs. per bushel). 45c. per lb., bush. \$6.00, \$37.50 per 100 lbs.

Herd or Red Top—Fancy Recleaned (*Agrostis vulgaris*). A very hardy grass, doing well on ground that is not too dry, it adapts itself, however, to most any condition and with the exception of Kentucky Blue Grass is the most widely used of the American grasses. Ideal for lawn, golf ground, pasture, or hay field work. It pays to sow the recleaned seed on account of entire absence of any chaff. Sow 25 lbs. to the acre (32 lbs. per bushel). 30c. lb., bush. \$8.50, \$25.00 per 100 lbs.

Herd or Red Top—Unhulled. This is the same as above except that the hull has not been removed from the seed and requires more to sow an acre. Sow 4 to 5 bushels per acre (10 lbs. per bushel). 18c. lb., bush. \$1.50, \$13.50 per 100 lbs.

Hard Fescue (*Festuca duriuscula*). Suited principally to pasture and hayfield purposes, doing well in dry, sandy and shallow soils; it withstands long periods of drought as well as extremes of heat and cold; when matured is from 1 to 2 feet high. Sow 3 bushels per acre (12 lbs. per bushel). 30c. lb., bush. \$3.00, \$21.00 per 100 lbs.

Italian Rye (*Lolium italicum*). A variety coming to full maturity the first season. It retains its green color well throughout the winter, but lasts only a few seasons; it seems to thrive well in the hottest climates and is valuable as a lawn grass in the South, although we recommend sowing other varieties with it. For temporary lawns or sowing at the seashore it is desirable. Height, 1½ to 2 feet. Sow 3 bushels per acre (18 lbs. per bushel). 15c. lb., bush. \$2.00, \$10.00 per 100 lbs.

Meadow Fescue or English Blue Grass (*Festuca pratensis*).

This is one of the best hay or pasture grasses that can be sown. On account of its not reaching maturity for the second or third year, it is always a good plan to sow other grasses with it. It succeeds best in soil that does not become too dry. Height, when matured, about 2 feet. Sow 2½ bushels per acre (22 lbs. per bushel). 40c. lb., bush. \$7.75, \$32.50 per 100 lbs.

GRASSES IN SEPARATE VARIETIES—Continued

Orchard Grass (*Dactylis glomerata*). Used principally for early pastures and hay crops, as it matures very quickly. Live stock of all kinds relish it. It should be cut before it shows the seed-head, as it cures more tender; may be cut several times a season. It has a habit of growing in bunches. This can be overcome by sowing other grasses with it, also if rolled once every spring. Desirable for sowing for pasture in shaded orchards; should not be used in lawns. Height, when matured, 3 feet. Sow 4 bushels to the acre (12 lbs. per bushel). 30c. lb., bush. \$3.00, \$22.00 per 100 lbs.

Red or Creeping Fescue (*Festuca rubra*). This is extensively used in dry, sandy locations, doing well on the poorest kind of soil; for sowing on embankments and shady places it is extremely valuable. It also makes a very good lawn at the seashore. Is of creeping habit and forms a close fine turf. Sow 3 bushels to the acre (14 lbs. per bushel). 35c. lb., bush. \$4.00, \$27.50 per 100 lbs.

Rhode Island Bent (*Agrostis canina*). This is one of the dwarfest grasses in cultivation, making short, narrow leaves; while used extensively in lawn mixtures, its greatest value is for making putting greens, where it produces a close velvet-like sod. It does well in good or bad soils during drought or excessive moisture. For a quick lawn effect nothing equals it. When matured it is 18 inches high. Sow 3 bushels to the acre (14 lbs. per bushel). 40c. lb., bush. \$5.25, \$35.00 per 100 lbs.

Sheep's Fescue (*Festuca ovina*). One of the few grasses that does well on poor, shallow soil; in fact it thrives where many others would not do. It is not susceptible to extreme drought or severe winters. It is one of the best pasture grasses, as well as for lawn sowing when mixed with other varieties. When matured it stands about 12 inches high. Sow 4 bushels to the acre (12 lbs. per bushel). 25c. lb., bush. \$2.75, \$20.00 per 100 lbs.

Sweet Vernal (Annual). (*Anthoxanthum odoratum puelli*.) This lasts for one season only, but imparts a fragrant odor to the grass while being cut. If used in a hay or pasture mixture it tends to sweeten it and making it more appetizing for the cattle. Sow 5 lbs. per acre with other grasses. 25c. lb. (5 lbs. \$1.00), \$18.00 per 100 lbs.

Sweet Vernal (Perennial). (*Anthoxanthum odoratum REAL*.) The characteristics of this are the same as with the annual variety, with the exception that it is of lasting nature and, therefore, excellent for pastures or hayfields. The seed should be thoroughly rubbed, separated and mixed with fine soil before sowing. Sow 5 lbs. per acre with other grasses. 60c. lb. (5 lbs. \$2.75), \$50.00 per 100 lbs.

Timothy (*Phleum pratense*). The standard hay grass of America, which is probably used more than any other. It delights in a heavy, loamy soil where it always produces the maximum crop. Can be sown alone, with wheat, or as a mixture for red clover or other grasses. It should be cut just when the seed stalk is about ripened. Height, when matured, from 2½ to 3 feet. When sown alone use ½ bushel per acre; with red clover 12 qts. and with wheat 8 qts. per acre (45 lbs. per bushel). 20c. per lb. (Price varies constantly, ask for quotations.)

Tall Meadow Oat (*Avena elatior*). This (sometimes called French Rye Grass) makes a very early prolific growth and is thus desirable for hay and pasturage. Can be harvested twice a year as a hay crop. Extremely valuable for use in the South or other places where long, severe drought exists. Under these conditions it is adapted for lawn work, where it retains a beautiful green color. Height, when matured, 3½ to 4 feet. Sow 5 bushels to the acre (10 lbs. per bushel). 30c. per lb., bush. \$2.25, \$20.00 per 100.

Various Leaved Fescue (*Festuca Heterophylla*). Desirable for pasture or hayfield sowing, thriving best in low moist soils; matures early and is quite hardy; does well in shaded orchards, etc.; stands two to three feet high when fully matured. Sow 40 lbs. per acre (15 lbs. per bushel). 35c. per lb., bush. \$4.75, \$30.00 per 100 lbs.

Wood Meadow (*Poa nemoralis*). One of the best grasses for sowing under trees in lawn work, it seems to thrive there when no other grass will. Is perfectly hardy and shows up a rich green growth early in the spring. For mixing with putting green grasses it is highly desirable, as it produces a very dwarf compact growth. Sow 2½ bushels per acre (14 lbs. per bush.). 60c. per lb., bush. \$8.00, \$55.00 per 100.



MICHELL'S
"HAY FIELD"
GRASS SEEDS

PER QT. 20¢ POSTPAID 25¢
PER 4 QT. 50¢
PER PECK 85¢
PER BUSHEL \$3.00
5 BUSHELS \$13.75
10 BUSHELS \$26.00

MICHELL'S RECLEANED CLOVERS

(PRICES SUBJECT TO MARKET CHANGES)

This line with us is a specialty. It is always economy to buy the best in farm seeds and that is just what we offer. We are extremely careful to see that all of our seeds are of the highest purity and germination tests, and our very large business in this department tends to show that this policy is the wisest.

Alfalfa or Lucerne. The most valuable forage crop on the American farm to-day, and can be truly termed a mortgage lifter. It is sown during May, August and September, these being the best months for success, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa goes into this carefully and is free for the asking. Sow not less than $\frac{1}{2}$ bushel (30 lbs.) per acre preferably with no other crop. *Our seed is always over 99% pure*, and will invariably give the best of results. Price per lb. 25c. Write for price on larger quantities, as it changes constantly.

TESTIMONIAL ON MICHELL'S UTAH ALFALFA

Elk Ridge, Md.

The Alfalfa I bought of you was sown on Sept. 4th: By Sept. 9th it was showing above the ground and to-day, the 24th, I have a stand three inches high. I am simply amazed at the good quality of the seed.

DR. W. R. EARECKSON.

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy, it is perfectly hardy in every climate or soil condition and seldom has to be reseeded. Under ordinary conditions it grows from 1 to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. The flower resembles the white clover except that the head is larger and has a red tinge on the edge. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price, 25c. lb. Price on larger quantity on application.

Bokhara Clover (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure). It grows from 3 to 5 feet high, according to soil and location; can be cut often as three times in a season if wanted for forage. Sow 15 lbs. per acre in early spring, alone or 10 lbs. per acre with other crops. Price, 30c. per lb., 10 lbs. \$2.50.

Crimson Clover (*Trifolium Incarnatum*). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers, when desired for green manure it should be allowed to mature; its height is from 1 to 2 feet. Sow anytime from April to October, the earlier the better, 20 lbs. to the acre. If sown in early spring it can be plowed down the first year, although no other crop can be raised on the field that season, fall or late summer seeding makes it possible to use the field the following season. It is not hardy for more than one season and must be sown each year, flowers crimson. Price, 15c. per lb., larger quantity prices on application.

Red Clover, Medium (*Trifolium pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone 20 lbs. per acre; if with other crops 10 lbs. per acre. A red clover field can usually be cut twice in a season. It is not hardy for a period of years, being usually resown every third season; flowers pink. Price, 25c. lb.; larger quantity, price on application.



Cutting Alfalfa on the farm of R. Mason Lisle, Paoli, Pa.
Seed furnished by us.

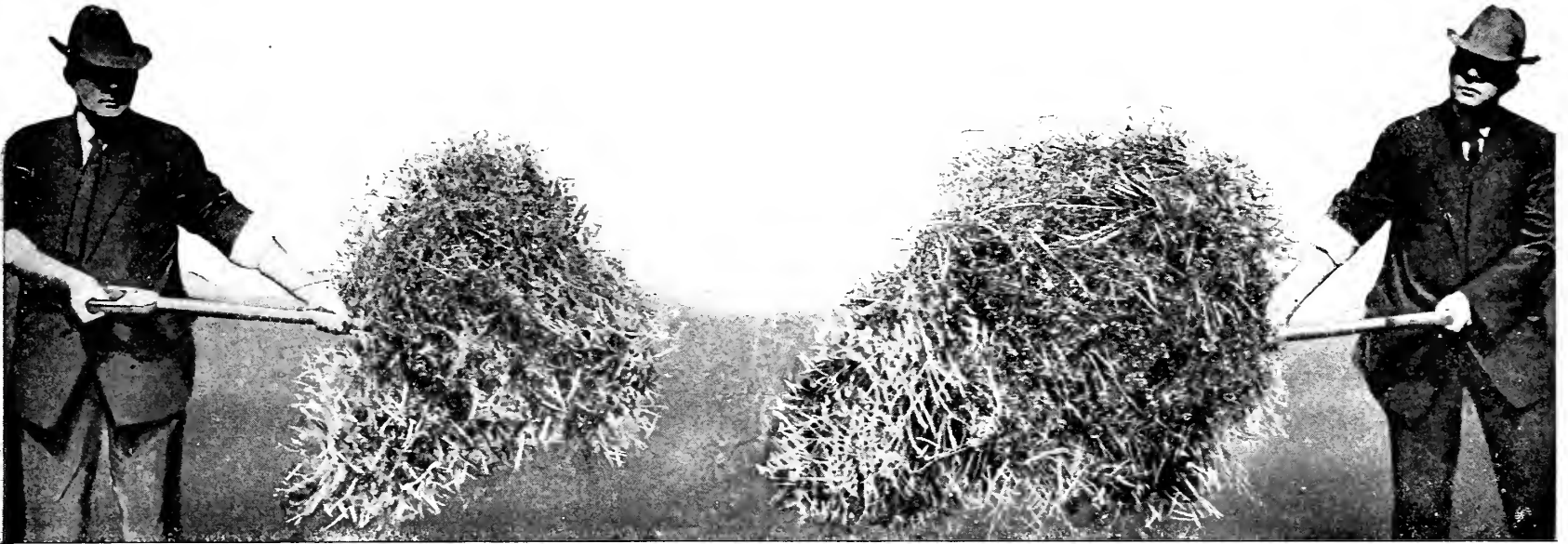
Mammoth Red Clover (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. The seed cannot be distinguished from the former. Our supply, however, is strictly reliable. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre; flowers pink. It can be harvested several times in a season. Price, 25c. per lb.; larger quantity prices on application.

White Dutch or Lawn Clover (*Trifolium Repens*). This is just as valuable for pasturage as it is for lawn work, it makes especially fine grazing for sheep and cows. For poor, shallow or sandy soils it succeeds where other clovers and grasses fail, and it is seldom trampled out. For mixing with lawn grass it helps establish a quick permanent turf, grows about 4 inches high and is hardy under all conditions; it can be sown at all seasons although early spring is best; flowers greenish white. Apply 10 to 12 lbs per acre if sown alone or 5 lbs. if sown on old turf or with other crops. Prices: $\frac{1}{4}$ lb. 15c., 50c. lb., 5 lbs. \$2.35, \$4.50 for 10 lbs., bu. (60 lbs.) \$25.00, \$40.00 per 100 lbs.

FARMOGERM NITROGEN-GATHERING BACTERIA FOR CLOVERS

It is a well established fact that it pays to inoculate clover seed with *Farmogerm*. The crop matures more quickly, is larger, and the ground is richer by at least the equivalent of 1000 lbs. of nitrates. This has been frequently supplied in the form of Nitrate of Soda at a cost of about \$5.00 per acre or more. *Farmogerm* when applied to the clover seed supplies it free, outside the cost of the bacteria. Nitrogen is plentiful in the air and the farmogerm-treated plant makes it possible for it to be absorbed readily. Write for a booklet on this wonderful discovery. Acre size bottles, \$2.00; 5 acre and larger, \$1.80 per acre. Always specify crop wanted for when ordering. For legumes only.

2 Bushel Seamless Bags for all Farm Seeds; 22c, each (returnable)



WELL PREPARED BED—NO INOCULATION

WELL PREPARED BED—INOCULATED

ALFALFA WILL GROW ABUNDANTLY

if the soil is properly sweetened with lime and worked to a good seed bed and the seed inoculated with Farmogerm high-bred bacteria. Without bacteria, of the proper variety, in sufficient amounts (and in an active nitrogen-gathering condition), it is impossible to successfully grow alfalfa or other legume crop.

United States Department of Agriculture Bulletin, January, 1908, says:—

“It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of the bacteria, which enable the plants to fix free nitrogen. Certain regions are practically devoid of the right kind of bacteria, and unless some artificial means of inoculating with the germ is resorted to, the crop will be a failure.”

FARMOGERM high-bred bacteria meets every condition above mentioned. They are grown and selected by a costly laboratory process until they develop the wonderful possible power of depositing 2000 pounds of nitrates to the acre, while bacteria which may be found to exist naturally in the soil at various sections throughout the country deposit not more than one quarter of this amount.

FARMOGERM high-bred bacteria is delivered in bottles ready to use by diluting with a little water and sprinkling on the seeds. Seed for ten acres can be thoroughly inoculated in ten minutes. The method of inoculation by means of a transfer of soil from fields in which a legume plant is or has been grown, is not only very costly, but weeds, molds and various soil diseases have been spread over wide areas by this primitive and unsatisfactory method.

FARMOGERM

IS A HIGH BRED NITROGEN-GATHERING BACTERIA FOR
CLOVERS, VETCH, COW PEAS, SOJA BEANS

Peanuts, and all other legumes which are increased in weight, volume and feed value.

The great Fertilizer Value of these Legumes depends entirely upon Inoculation with Farmogerm. 1000 to 2000 Pounds of Nitrates to the acre can be deposited in little sacks or nodules on the roots of the legumes, which will be immediately available for any following crop.

FARMOGERM SAVES THE COST OF ALL EXPENSIVE NITRATE FERTILIZERS

PEAS, BEANS, SWEET PEAS

bear quicker, much longer and are much more prolific both in blossom and fruit when Farmogerm is used; and there is left in the soil large amounts of nitrogen for other garden products. Truck growers and gardeners throughout the country are securing most wonderful results by the use of Farmogerm.

5 ACRE SIZE, \$9.00 1 ACRE SIZE, \$2.00 GARDEN SIZE, 50c.

Garden or 50c. size can be had for White Clover, Sweet Peas, Garden Peas, Lima and String Beans only. For other crops Acre bottle is the smallest quantity sold.

Complete Book on Farmogerm and Inoculations FREE

MICHELL'S "DISTINCTIVE" VEGETABLE SEEDS

ASPARAGUS (Sow 5 lbs. per acre, or 1 oz. to a 50 ft. row.)

This can be grown from seeds or roots, the latter preferred. Seed should be sown thinly in early spring in rows 1 ft. apart. Thin out the weakest plants so the remainder will be 4 inches apart. When 1 year old transplant in the permanent bed, from where it can be cut three years later. "Michell's Booklet on Asparagus Culture" gives full information and is mailed free, or included in orders if asked for.

Michell's Giant Argenteuil (*Special Strain*).

Of all the varieties that we have extensively tried, this has been found to excel, both from a point of productiveness, tenderness, earliness and resistance to diseases. In size it is a giant, a marketable shoot or spear is often two inches in diameter and 12 inches long, of which every part when boiled is tender and delicious. It is the one variety that succeeds well in all soils and climates. Color, pure white, with a greenish purple tip. Pkt. 10c., 20c. per oz., ¼ lb. 40c., \$1.25 per lb.

	Per 100	Per 500	Per 1000
Roots, 2-year-old	\$1.25	\$5.00	\$9.00
3 "	1.75	7.50	15.00

Barr's Mammoth. A variety producing heavy, stout spears of delicious flavor; the growth remains green when cooked; a very popular sort. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 80c. per lb.

	Per 100	Per 500	Per 1000
Roots, 2-year-old	\$0.75	\$2.75	\$5.00
3 "	1.50	6.50	12.50

Columbian Mammoth White. Large, handsome type producing pure white spears; a very tender variety, suitable for canning. Pkt. 5c., 10c. oz., ¼ lb. 25c., 85c. per lb.

	Per 100	Per 500	Per 1000
Roots, 2-year-old	\$0.75	\$2.75	\$5.00
3 "	1.50	6.50	12.50

Conover's Colossal. A large, prolific sort similar to Barr's Mammoth, but the stalks are a trifle larger and lighter in color. Pkt. 5c., 10c. oz., ¼ lb. 20c., 50c. per lb.

	Per 100	Per 500	Per 1000
Roots, 2-year-old	\$0.75	\$2.75	\$5.00
3 "	1.50	6.50	12.50

Palmetto or Eclipse. One of the earliest, producing uniform stalks, prolific and finely flavored; color, green. Pkt. 5c., 10c. oz., ¼ lb. 20c., 50c. lb.

	Per 100	Per 500	Per 1000
Roots, 2-year-old	\$0.75	\$2.75	\$5.00
3 "	1.50	6.50	12.50

ASPARAGUS ROOTS

Procurable from October 15th to May 15th.

Two and three-year-old, see prices under respective varieties above.

Giant Forcing Asparagus Roots. (Eight years old.) \$2.00 per doz., per 25 \$3.50, \$12.00 per 100.



Michell's Giant Argenteuil Asparagus

For Asparagus Growing Accessories see opposite page



Green Globe Artichoke

Green Globe. Pkt. 5c., 15c. ½ oz., 1 oz. 30c., \$1.00 per ¼ lb.
Ask for Special Leaflet No. 101 on Artichoke Culture.

ARTICHOKE PLANTS (*Green Globe*)
(*Ready in April*)

We grow a large stock of these, for those who do not care to bother with them from seed, thus they can be assured of an early crop. The cultural and cooking method is fully explained in Leaflet No. 101. \$1.50 per doz., 25 for \$2.50, \$10.00 per 100 (by express only).

ARTICHOKE ROOTS (*Jerusalem*)
(*Ready in April*)

Sometimes called the American Artichoke, used for table and stock feeding. Cut the tubers to single eyes and plant them like potatoes, 3 to 4 feet apart each way, placing three or four tubers in a hill. Leave the tubers in the ground and dig them as wanted; they are hardy. Cultural and cooking method is fully explained in Leaflet No. 101. 15c. qt., peck 75c., \$2.50 per bu.

ANISE HERB (*Annual, not Hardy*)

Frequently used for flavoring and medicinal purposes. Cultural directions for this and other herbs is given in Leaflet No. 113. Pkt. 5c., 10c. oz., ¼ lb. 35c.

BALM HERB (*Annual, not Hardy*)

Leaves are used for making wine, tea, etc. As a food for bees the flowers are invaluable. Cultural directions are given in Leaflet No. 113. Pkt. 5c. and 10c., 30c. per oz.

ARTICHOKE
(*French*)

1 Ounce will produce 500 plants.

Sow seeds in January in greenhouse or in hotbeds in March or outdoors in May, if sown outdoors transplant when large enough in rows 3 feet apart, 2 feet apart in the row. Cultivate when growing, freely, and protect the plants in winter with leaves or straw.

BORAGE HERB (*Annual, not Hardy*)

The leaves are used principally for mixing with salads and for flavoring, bees also thrive on the bloom, which is rich in honey. Culture is given in Leaflet No. 101. Pkt. 5c., 10c. per oz., ¼ lb. 35c.

BROCCOLI **One Ounce will Produce 3000 Plants**

A vegetable much resembling cauliflower and often grown where the latter does not thrive. The cultural method is much like that for cauliflower planted outdoors, which is given in Leaflet No. 108.

White Cape. Pkt. 5c. and 10c., 15c. ½ oz., oz. 30c., \$1.00 ¼ lb.

BRUSSELS SPROUTS

One Ounce will produce 3000 Plants

Sow seed about May 15th; transplant when about 4 ins. high in rows 3 feet apart, 2 feet in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for cooking after they have had a slight frost. For Complete cultural method ask for Leaflet No. 105.

Matchless Improved. Pkt. 5c. and 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.50.

BRUSSELS SPROUTS PLANTS
(*Ready in July*)

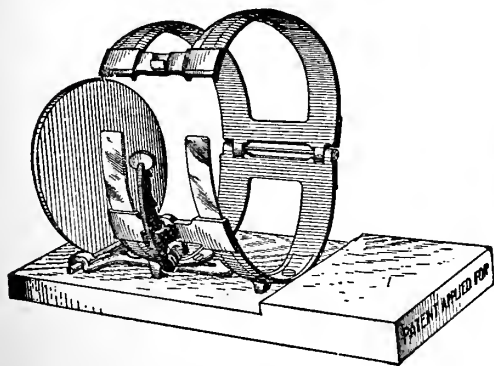
25 for 20c., 50c. per 100 (by mail 65c.), per 1000 \$3.50.



Brussels Sprouts

ACCESSORIES FOR ASPARAGUS CULTURE

It is well to have the necessary equipment when growing this luscious article, whether used for home consumption or market, it is more valuable when properly cut, bunched and tied.



ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. With Knife Guard, \$1.75.

BOOKS ON ASPARAGUS

By **Barnes and Robinson**, 50c. per copy.
By **Mitchell**, 10c. per copy.
The latter book included free with all seed orders where asked for.



ASPARAGUS KNIVES

Bateman's (see cut)\$0.30
American. V-shaped blade45

RAFFEA (*Tying Grass*)

The ideal material for tying asparagus bunches in a neat and economical manner.

	¼ lb.	Lb.	5 lb.
Natural	\$0.05	\$0.20	\$0.90
Colored in various shades .....	.15	.50	2.25

RAFFEATAPE

A linen and paper composition, in rolls of 250 yards; color, Nile green. Per roll 75c., 6 for \$4.25.

JUTE TWINES

Very soft and pliable, 2-, 3- and 5-ply. 10c. per large ball, lb. 20c.

ASPARAGUS TAPE

Fast red, water-proof, in 1000-yd spools, \$2.25 each.

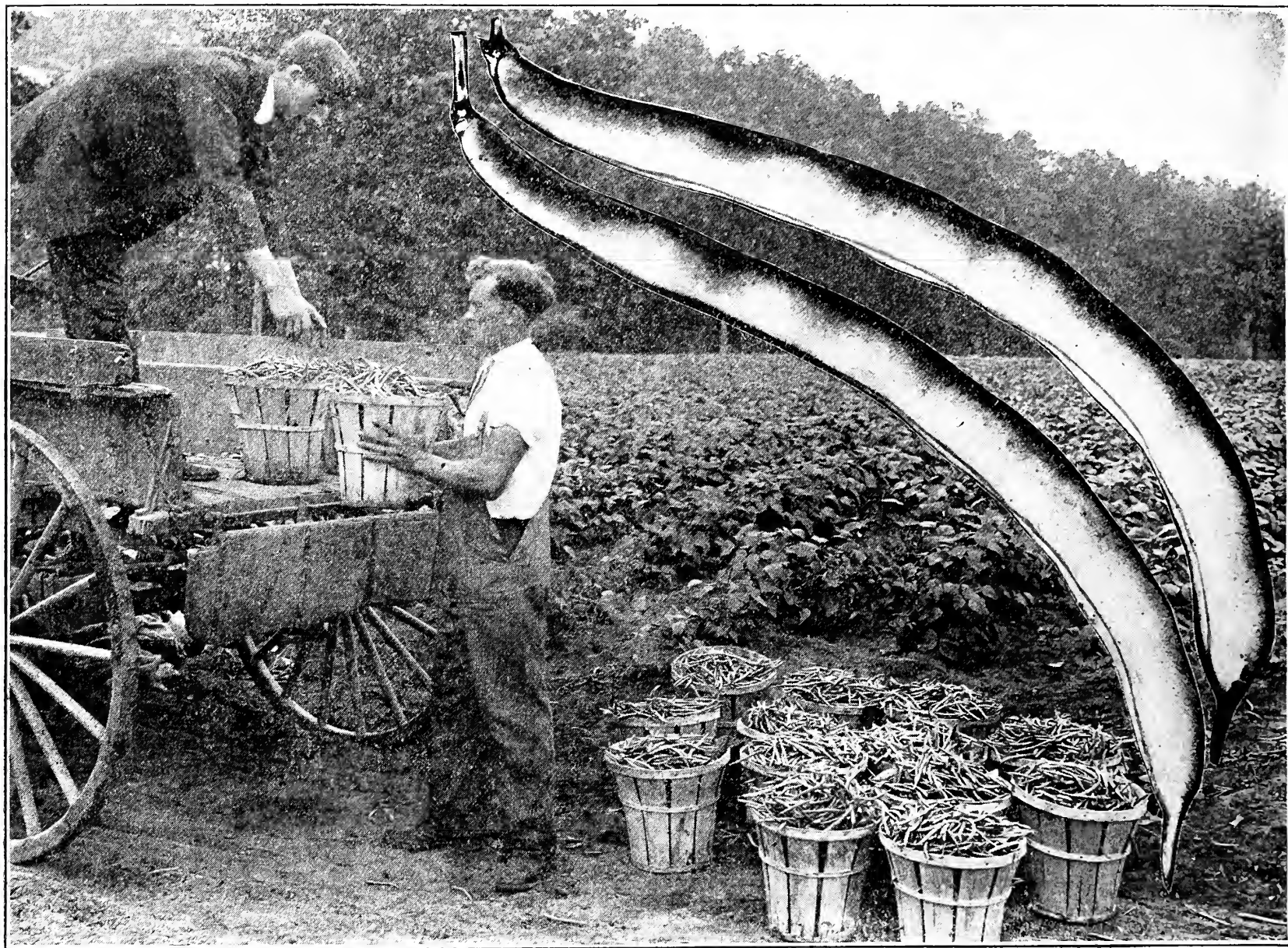
ASPARAGUS SALT (*Agricultural*)

Applied in the spring for destroying weeds; 600 to 800 lbs. per acre. \$1.00 per 100 lbs., 200 lbs. \$1.50, \$10.00 per ton.

ASPARAGUS FERTILIZER

Compounded after a formula recommended by the Department of Agriculture; apply 800 lbs. per acre. \$2.50 per 100 lbs., 200 lbs. \$4.00, \$35.00 per ton.

Cultural Leaflets, as noted, are distributed Free. Ask for them by number



Getting Michell's (Improved Strain) Stringless Green Pod Beans ready for Market

DWARF GARDEN BEANS (Green Podded)

Plant 1½ Bushels per acre. If desired by mail add 8c. per Pint, 15c. per qt. for postage

Sow in rows 2 feet apart, using about 1 quart to every 100 feet of drill, keep the soil well stirred between the rows. Plant when all danger of frost is past in succession once every week until 8 weeks before frost. Cultural Leaflet No. 103 is very explicit on bean growing; ask for a free copy.

ALL VARIETIES 10c. PER LARGE PKT. POSTPAID

Michell's Improved Strain of Stringless Green Pod. This strain is without doubt the most tender string bean in cultivation, even when the pod has become quite old it still retains its stringless qualities; that, however, is not the only thing in its favor, it recommends itself through its extreme earliness, prolific and continuous bearing qualities and superior flavor. This variety can be planted successively through the entire season; its handsome round pods often seven inches long delight the eye of any housewife; they fairly melt in your mouth. The leading sort for the home or market garden. Pt. 20c., 35c. qt., 4 qts. \$1.25, \$2.25 per peck, bushel \$8.50.

Stringless Green Pod (Usual Strain). While this is a good type, the Improved Strain offered above is worth the difference. Pt. 15c., 30c. qt., 4 qts. \$1.10, \$1.75 per peck, \$7.00 bushel.

Michell's Improved Red Valentine. A carefully selected stock of this well-known variety; its popularity is due to the fact that it is one of the earliest sorts, maturing often in 45 to 50 days. It can withstand early slight frosts without injury; its foliage is immense, it always produces a heavy crop of long round deep colored pods, which if wanted in a tender stage should be picked while young, in this condition they are absolutely stringless. On account of its prolific habit, and large pod, it is desirable for market purposes, while for the home garden few can equal it. Pt. 20c., 30c. qt., 4 qts. \$1.10, \$1.75 per peck, bushel \$7.00.

Red Valentine (Usual Strain). This is the old-fashioned favorite, from which the above is a distinct selection. 15c. pt., qt. 25c., 90c. per 4 qts., peck \$1.60, \$6.00 per bushel.

FARMOGERM (Nitrogen Gathering Bacteria)

This wonderful preparation will revolutionize your bean crop, both in quantity and length of bearing time. Use according to directions and always mention the crop for which it is wanted. 50c. bottle (postpaid). (See page 19 for particulars.)

All Cultural directions as given apply to the latitude of Philadelphia.

DWARF GARDEN BEANS

Large Packets of Beans, all varieties, 10c. postpaid

Best of All. A highly desirable sort for private garden use, the pods are long, set early and yield in great abundance; very tender. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.75 per peck, per bu. \$7.00.

Black Valentine. Pods very long and slender, round and well flavored. Per pt. 15c., 30c. per qt., 4 qts. \$1.00, \$1.75 per peck, bu. \$7.00.

Early Long Yellow Six Weeks. The word yellow refers to the seed only, pod flat, very early, tender and long. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.50 per peck, per bu. \$6.00.

Early Mohawk. This variety can be planted before any other sort, being quite hardy, large cropper, flat pod. Per pt. 15c., 25c. per qt., 4 qts. 90c., \$1.50 per peck, per bu. \$6.00.

Emperor William. Used principally for forcing, flat pod, very tender. Per pt. 35c., 60c. per qt., 4 qts. \$2.15, \$3.75 per peck.

GREEN PODDED VARIETIES—Continued

Extra Early Refugee. An extremely early, fleshy, round-pod variety. 15c. per pt., per qt. 25c., 90c. per 4 qts., per peck, \$1.50, \$6.00 per bu.

Mammoth Stringless or Giant Valentine. An improvement on Burpee's Stringless Green Pod and, while not so prolific, makes a much larger pod. Per pt. 20c., 35c. per qt., 4 qts. \$1.10, \$2.00 per peck, bu. \$8.00.

Triumph of the Frames. For forcing this is especially desirable, the pods are round, thin and tender but very long. It is also desirable for outdoor planting. Per pt. 25c., 45c. per qt., 4 qts. \$1.60, \$2.75 per pk., bu. \$11.00.

Longfellow. A splendid green string bean, with extra long well formed pods; tender, early and delicious; very prolific and profitable to grow. 15c. pt., qt. 25c., 90c. per 4 qts., peck \$1.75, \$7.00 per bu.

Sion House. A round-podded sort, suited to forcing. A great producer, excellent also for sowing outdoors. 35c. per pt., per qt. 60c., \$2.15 per 4 qts., peck \$3.75.

DWARF BEANS FOR SHELLING (Winter Use)

If there is any vacant space in the garden it always pays to plant some of these varieties for soups, baked beans, etc.; they are grand. They can be used in the green state like other sorts, but for the first-named purpose they are best.

Boston Navy or Pea. For soup and baking purposes. Per pt. 15c., 25c. per qt., 4 qts. 80c., \$1.25 per peck, bu. \$5.00.

Broad Windsor. An English bean used in the dry state shelled, plant in rows about 3 feet apart, about 8 inches apart in the row. 20c. per pt., per qt. 35c., \$1.25 per 4 qts., \$2.00 per peck.

White Kidney or Royal Dwarf. Per pt. 15c., 25c. per qt., 4 qts. 75c., \$1.30 per pk., per bu. \$5.25.

White Marrowfat. 15c. per pt., per qt. 25c., 80c. for 4 qts., per peck \$1.50, \$6.00 per bu.

Dwarf Horticultural. One of the best shell beans grown, the pods are colored red and green, the bean is large, round and speckled. Pt. 20c., qt. 35c., \$1.25 per 4 qts., peck \$2.25, \$9.00 per bu.

WAX OR YELLOW PODDED BEANS

These should not be planted quite as early as the green varieties, they being more tender are liable to rot.

Mitchell's Improved Strain Dwarf Golden Wax (Rust Proof)

This type far surpasses the old favorite in many points; the plants are very vigorous and thereby rust-resisting. Pods are formed quite early and in great profusion. The handsome masses of golden beans are very uniform, being broad, thick and almost solid flesh, exceedingly tender and brittle, with no coarse or fibrous growth during any period of development. 20c. pt., qt. 35c., \$1.25 per 4 qts., peck \$2.25, \$9.00 bu.

Dwarf Golden Wax Rust Proof (Usual Strain). Pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, bu. \$8.00.

Black or German Wax (Pencil Pod Strain). A round-podded, hardy sort, entirely stringless, very early and desirable. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, per bu. \$8.00.

Stringless White Wax. A very hardy variety for early planting, makes a beautiful pod almost pure white. Pt. 20c., 40c. per qt., 4 qts. \$1.50, \$2.75 per peck, bu. \$10.00.

Currie's Rust-Proof Wax. An improved type; a tremendous yielder with long flat pods. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.10 per peck, bu. \$8.40.

Hodson Wax. This is an absolutely rust-proof sort, the pod is half-round, almost flat; very tender and long. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$1.75 per peck, bu. \$7.00.

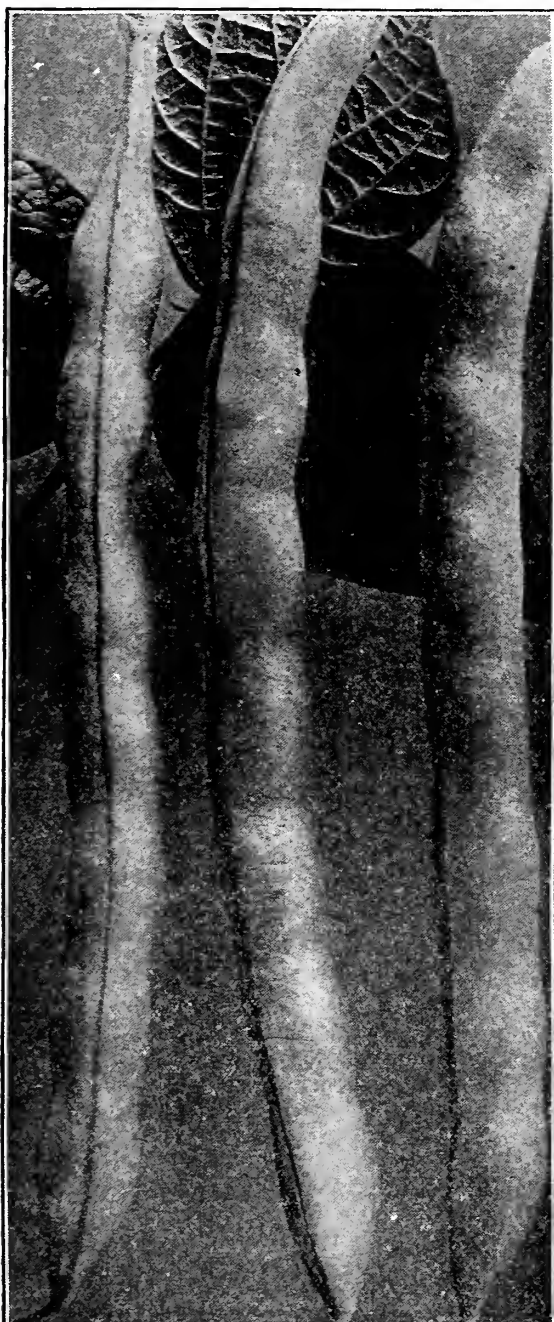
Round-Podded Kidney Wax. A vigorous grower, producing very fleshy pods entirely stringless and rust-proof. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, bu. \$8.00.

Valentine Wax. The earliest wax bean in cultivation; pods round, rust-proof and very fleshy; entirely stringless. Per pt. 20c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, per bu. \$9.00.

Wardwell's Kidney Wax. A favorite market bean; pod flat, very long and productive. Per pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, per bu. \$8.00.

Davis' White Wax. A long slender-podded sort, almost white, very fine. Pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, per bu. \$8.00.

FARMOGERM. A high grade nitrogen bacteria used in growing garden beans, produces wonderful results. See page 19 for particulars.



Mitchell's (Improved) Golden Wax Bean

Note—If Beans are wanted by mail add 8c. per pint or 15c. per quart to prices herewith quoted



Michell's Evergreen Pole Limas

LIMA BEANS

One quart will plant 100 hills; 12 to 15 qts. per acre.

Plant when all danger of frost or cold nights are over, don't be afraid to put a liberal number in a hill, as this is cheaper than replanting; often one bean germinates where another won't even in the same hill.

POLE VARIETIES

Michell's Evergreen (see illustration). A variety which had its origin in Philadelphia. This remarkable pole lima equals the earliest for earliness, is far more productive than any other and retains at all times a beautiful green color. Pods contain on the average 5 to 6 beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather. All who grow limas should have this valuable variety in the home or market garden. Pkt. 15c., 35c. per pt., qt. 60c., \$2.00 per 4 qts., pk. \$3.75.

Carpenteria. A variety that retains its green color in all stages of growth, even after being dried, with this it combines wonderful prolificness, flavor and size, a good early variety, 3 to 4 beans in a pod. Pt. 25c., 45c. per qt., 4 qts. \$1.50, \$2.50 per peck, bushel \$9.00.

POLE VARIETIES—Continued

Dreer's Improved Potato or Challenger. Early and more prolific than the Large Lima; beans small, extra quality. 20c. per pt., per qt. 35c., \$1.10 per 4 qts., peck \$1.90, \$7.60 per bu.

Extra Early Jersey. An excellent variety, prolific and tender. 20c. per pt., qt. 35c., \$1.10 for 4 qts., peck \$1.90, \$7.50 per bu.

Ford's Mammoth Podded. Pods six to nine inches long; excellent for the home garden, heavy producer. 20c. per pt., qt. 35c., \$1.10 per 4 qts., peck \$2.00, \$8.00 per bu.

King of the Garden. Vigorous grower, producing a continuous bloom and fruitage to extreme end of season. Pods are of enormous size, many specimens measuring from five to eight inches, producing as high as six beans to the pod, perfectly formed and of superior quality. 15c. per pt., qt. 30c., \$1.10 per 4 qts., peck \$1.75, \$6.75 per bu.

Michell's Selected Large Jersey. Has proven exceedingly satisfactory; beans are very tender and luscious. An extra selection of seed stock; large fine beans, all hand picked. 20c. per pt., qt. 40c., \$1.50 per 4 qts., peck \$2.75, \$11.00 per bu.

Shotwell's Improved. An extra early sort similar to Dreer's Improved but much more desirable. It is sweet and tender, being one of the first Limas in the market. 20c. pt., qt. 35c., \$1.25 per 4 qts., peck \$2.00, \$8.00 bu.

BUSH LIMAS

Bush Limas should be planted for early crops, as they come into bearing much sooner, but are not so prolific as the pole varieties.

Fordhook. This is the best type of bush lima in cultivation, it has a distinct upright vigorous growth; the pods, which are borne in clusters well above the ground, frequently contain as many as 4 thick luscious beans. It matures very early and continues in bearing till frost. Pt. 25c., 45c. per qt., 4 qts. \$1.40, \$2.75 peck, bu. \$10.00.

Burpee's Improved Bush Lima. This is so far ahead of the old strain of Burpee's Bush Lima, that it should be used instead; the bean is thicker, sweeter and earlier, being also more prolific. Pt. 20c., 40c. per qt., 4 qts. \$1.50, \$2.50 per peck, bu. \$10.00.

Burpee's (Old Variety). A true, large-seeded lima in dwarf form. 20c. per pt., per qt. 35c., \$1.10 per 4 qts., peck \$1.90, \$7.60 per bu.

Dreer's. A small, round-seeded, late variety. 20c. per pt., per qt. 35c., \$1.10 for 4 qts., peck \$2.00, \$8.00 per bu.

Henderson's. The earliest sort, beans are flat, very small and tender, of excellent flavor. 20c. per pt., per qt. 30c., \$1.00 for 4 qts., peck \$1.90, \$7.60 per bu.

New Wonder. An improvement on the old type Burpee's Bush Lima which it resembles, being large and flat, except that it is much earlier. 20c. per pt., per qt. 35c., \$1.10 for 4 qts., peck \$2.00, \$8.00 per bu.

POLE STRING BEANS (NOT LIMA)

Plant in hills four feet apart, four or five beans in a hill, eyes downward, afterward thin to three plants in a hill.

Early Golden Cluster Wax. Pods very tender, six to eight inches long, of large size, borne profusely in large clusters of three to six beans; beautiful golden yellow color, which they retain after being picked. Pt. 20c., 40c. per qt., 4 qts. \$1.50, \$2.50 per peck, bu. \$10.00.

Horticultural or Speckled Cranberry. Speckled red and green pod. Used extensively for shelling, very prolific, and a late cropper, long pods usually containing from 9 to 12 beans. Pt. 15c., 30c. per qt., 4 qts. \$1.10, \$2.00 per peck, bu. \$8.00.

Kentucky Wonder (Old Homestead). (Green Pod.) One of the best green pole beans, producing pods in clusters, ready for use about 85 days from time of planting; very tender pods, almost stringless, often 8 inches long. Pt. 20c., 35c. per qt., 4 qts. \$1.10, \$2.00 per peck, bu. \$8.00.

Lazy Wife's. (Green Pod.) Excellent, heavy cropper. Pt. 20c., 35c. per qt., 4 qts. \$1.25, \$2.25 per peck, bu. \$9.00.

Scarlet Runner. (Green Pod.) Sometimes used for its showy scarlet flowers, although it is fine for cooking when shelled. Pt. 20c., 35c. per qt., 4 qts. \$1.20, \$2.00 per peck, bu. \$8.00.

CEDAR BEAN POLES (Pointed)

Extra selected quality, 25 for \$2.75 \$5.00 per 50, per 100 \$9.00

Large Packets, all varieties of Beans, 10c. postpaid

TABLE BEETS

One ounce will sow 50 feet of row; 5 lbs. will sow an acre.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand four inches apart in rows. Send for Cultural Leaflet No. 104 on beets.

Beet Seed is exceedingly scarce, owing to the extreme drought the past season, which necessitates somewhat higher prices.

Crosby's Egyptian. One of the earliest beets, especially desirable on account of its rich blood red color throughout, and its extreme tenderness, which it retains through all stages of growth. Used for an early spring and winter variety, it being a good keeper. Pkt. 5c., 20c. oz., per ¼ lb. 75c., \$2.75 lb.

Crimson Globe (Michell's Improved). Almost round in shape, of a rich deep red color. It has a distinct delicious flavor and is very tender, good for sowing early for forcing and summer use. Pkt. 5c., 20c. per oz., ¼ lb. 75c., \$2.75 per lb.

Arlington Favorite. Extra early; exceedingly sweet, rich, blood red, turnip-shaped. Pkt. 5c., 15c. per oz., per ¼ lb. 50c., \$1.85 per lb.

Bastian's Extra Early. The best beet for market and family use, grows quite large, turnip-shaped. Pkt. 5c., 15c. per oz., per ¼ lb. 50c., \$1.85 per lb.

Bastian's Half Long Blood. A valuable variety to follow Bastian's Extra Early; used extensively for winter use, when it should be sown in July. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.50.

Detroit Dark Red. A desirable type of turnip-shaped beet, very tender, excellent for winter keeping. Pkt. 5c., 15c. per oz., per ¼ lb. 45c., \$1.60 per lb.

Eclipse. Perfectly smooth and round, skin and flesh intense red. An excellent sort for forcing or for planting in the garden; medium size. Pkt. 5c., 15c. per oz., per ¼ lb. 50c., \$1.75 per lb.

Edmand's Blood. A variety for early and late sowing, good flavor, turnip-shaped. Pkt. 5c., 15c. per oz., per ¼ lb. 45c., \$1.60 per lb.

Extra Early Bassano. A flat variety, flesh white and rose colored, excellent used as a buttered beet. Pkt. 5c., 15c. per oz., per ¼ lb. 40c., \$1.50 per lb.

Improved Long Blood. A good variety for fall and winter use, when it should be sown early in July. Pkt. 5c., 10c. per oz., per ¼ lb. 30c., \$1.00 per lb.

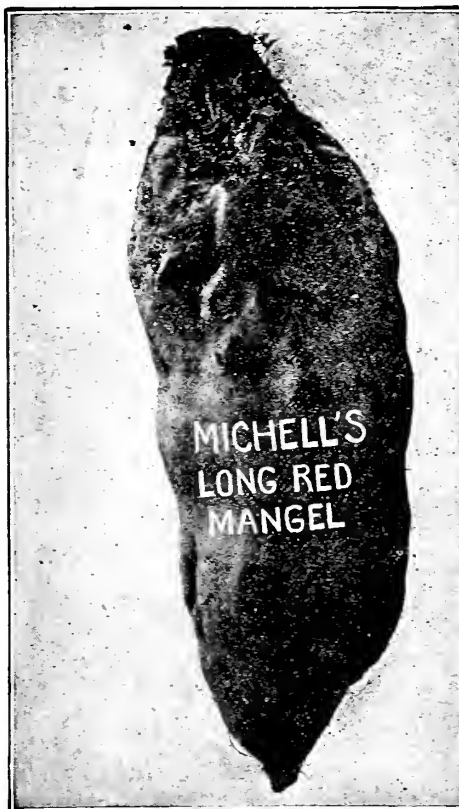
Lentz Early. Fine for sowing in hotbeds and outdoors early. It is a desirable winter variety also; blood red. Pkt. 5c., 15c. per oz., per ¼ lb. 40c., \$1.50 per lb.

SWISS CHARD or SPINACH BEET

This variety does not produce an edible root; but its top growth, which is silver-leaved, can be separated, the rib and leaf; while the former is cooked and served like asparagus, the latter is prepared like spinach and has altogether a decidedly splendid flavor.

Silver Leaved. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Giant Lucullus. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.00.



CATTLE BEETS (Mangel Wurzel)

(Crop Very Short)

Sow 5 lbs. per acre in April and May in thoroughly plowed, well-manured soil, in drills two inches deep, about twenty-four inches apart. Thin out to twelve inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for mangel-wurzels. Cultural Leaflet No. 104 gives explicit directions for growing and caring for this crop.

Mammoth Long Red. This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to forty pounds. It is the best long red mangel. Per oz. 5c., 15c. per ¼ lb., per lb. 50c. (by mail 58c.), 5 lbs. \$2.25 (by express or freight).

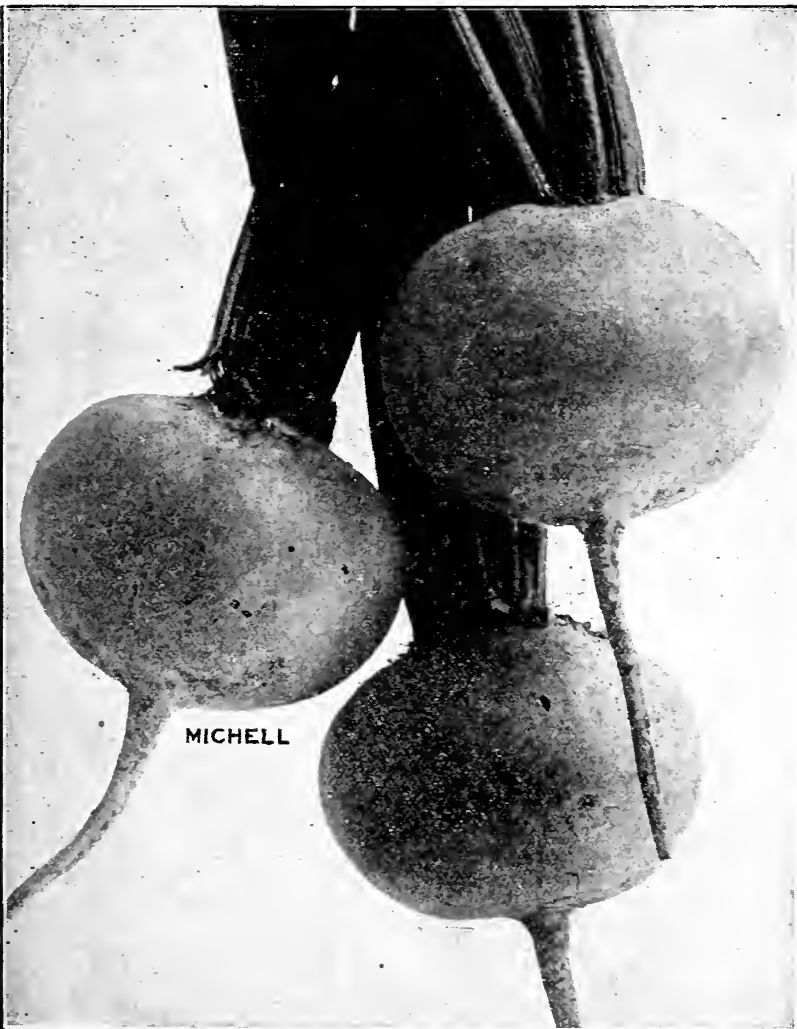
Golden Tankard. The best long yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Per oz. 5c., 15c. per ¼ lb., per lb. 50c. (by mail 58c.), 5 lbs. \$2.25 (by express or freight).

Red Globe. An excellent sort, very prolific, good for late planting. Per oz. 5c., 15c. per ¼ lb., per lb. 50c. (by mail 58c.), 5 lbs. \$2.25 (by express or freight).

Yellow Globe. Contains a large amount of sugar properties, and can be used for replanting quite late. Per oz. 5c., 15c. per ¼ lb., per lb. 50c. (by mail 58c.), 5 lbs. \$2.25 (by express or freight).

Improved White Imperial. An improvement on the other varieties of sugar beets, hardier, and containing a greater percentage of sugar. Per oz. 5c., 15c. per ¼ lb., per lb. 50c. (by mail 58c.), 5 lbs. \$2.25 (by express or freight).

Lane's Improved White Sugar. This variety attains an enormous size, growing considerably above the ground, one of the best for stock feeding. Per oz. 5c., 15c. per ¼ lb., per lb. 50c. (by mail 58c.), 5 lbs. \$2.25 (by express or freight).



Crosby's Egyptian Beet



Michell's Danish Ballhead Cabbage (Ready for Market)

CABBAGE (Long Island Grown)

One ounce will produce about 3000 plants,
4 oz. will produce enough for an acre

No grower can make a mistake in purchasing this important crop from us. Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession. Ask for cultural Leaflet No. 106, which gives full directions for growing and storing cabbage.

Michell's Improved Danish Ball-Head. This excellent winter cabbage is unequalled for its keeping qualities, massiveness and weight of heads, when trimmed they weigh by several ounces more than any other variety. For boiling, cold slaw, sour kraut, etc., it is ideal, being crisp, tender and sweet. One of its virtues is that it does well under most any condition of moisture or drought; it seldom, if ever, rots; heads never burst. 10c. pkt., $\frac{1}{2}$ oz. 20c., 35c. oz., $\frac{1}{4}$ lb. \$1.25, \$4.00 per lb.

EARLY VARIETIES

Early Jersey Wakefield. (Improved Strain.) The finest type of early cabbage in existence. A great improvement over the regular strain. It produces uniform pointed heads, and should be sown by every private and market gardener. Pkt. 10c., 20c. per $\frac{1}{2}$ oz., oz. 35c., \$1.25 per $\frac{1}{4}$ lb., lb. \$4.00.

Early Jersey Wakefield (Usual Strain). Pkt. 5c. and 10c., 25c. per oz., $\frac{1}{4}$ lb. 85c., \$3.00 per lb.

Large Charleston Wakefield. Similar to the above sort but the heads are more blunt, equally as solid, while it grows almost twice the size, but matures one week later. Pkt. 5c. and 10c., 25c. per oz., $\frac{1}{4}$ lb. 85c., \$3.00 per lb.

Early Winnigstadt. Resembles the Early Jersey Wakefield somewhat, but the heads are more pointed and not so early, nor quite so solid. Pkt. 5c. and 10c., 20c. oz., $\frac{1}{4}$ lb. 60c., \$2.25 lb.

EARLY VARIETIES—Continued

All Head. The largest of the early cabbages. The head is roundish flat and remarkably solid, excellent for winter as well as early spring, it resembles Early Summer variety somewhat, but is smaller. Pkt. 5c. and 10c., 15c. per $\frac{1}{2}$ oz., oz. 25c., 80c. per $\frac{1}{4}$ lb., lb. \$2.50.

Early Flat Dutch. A dwarf-growing type, principally used for early summer. The head while large is not so big as the Late Flat Dutch, but is otherwise of the same type. Pkt. 5c. (10c. per large pkt.), oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

SECOND EARLY VARIETIES

Early Drumhead. A large solid roundish flat-headed sort with few outer leaves. One of the best sorts to follow the Large Charleston Wakefield. Pkt. 5c. and 10c., 25c. per oz., $\frac{1}{4}$ lb. 75c., \$2.50 per lb.

Henderson's Early Summer. The leaves have a more bluish cast than the other cabbages; the heads are roundish flat. Pkt. 5c. (10c. per large pkt.), 20c. per oz., $\frac{1}{4}$ lb. 65c., \$2.25 per lb.

Succession. A very popular sort with the market gardeners. It matures about 10 days later than Early Summer. Pkt. 5c. and 10c., 25c. per oz., $\frac{1}{4}$ lb. 65c., \$2.25 per lb.

For Late Cabbage and Cabbage Plants See opposite Page

CABBAGE—Continued

LATE OR WINTER VARIETIES

Late Flat Dutch. (Improved Strain.) This has been selected especially for our trade, the seed being taken from the finest type of heads which were selected for solidity and uniformity. In a row or field of this strain every head appears uniform and its excellence is apparent. There is no better keeping cabbage in existence, being very solid. For sauer kraut it is unsurpassed. Pkt. 10c., 20c. per ½ oz., oz. 35c., \$1.00 per ¼ lb., lb. \$3.00.

All Seasons. (Vandergaw.) A very large head, round and solid. It is valuable for late summer or winter use. Pkt. 5c. (10c. per large pkt.), 25c. per oz., ¼ lb. 75c., \$2.50 per lb.

Danish Ballhead. For description and price see opposite page.
Late Flat Dutch. A very large flat-headed sort, used extensively as the main winter cabbage crop. Pkt. 5c. (10c. per large pkt.), 15c. ½ oz., 25c. per oz., ¼ lb. 75c., \$2.25 per lb.

Large Late Drumhead. Much like the above except the heads are not quite as large nor as flat, it is short stemmed. Pkt. 5c. (10c. per large pkt.), 20c. per oz., ¼ lb. 50c., \$1.75 per lb.

Perfection Drumhead Savoy. A beautifully crimped-leaved sort, color a deep glossy green. The head is almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. We recommend it highly, being one of the best cabbages grown for either market or home consumption. Pkt. 5c. (10c. per large pkt.), oz. 25c., 75c. per ¼ lb., lb. \$2.50.

Red Dutch Drumhead. A red variety, used extensively for pickling. When cooked with a little Port wine and sugar added to it, makes a dish fit for a king. Few people can appreciate it because they have never tried it. For cold slaw it has merits over the white kinds. It is principally used for winter. Pkt. 5c. (10c. per large pkt.), 20c. per oz., ¼ lb. 60c., \$2.25 per lb.

Volga. The heads often weigh 12 to 15 lbs. The interior is pure white. The heads are very solid, roundish flat and of a light green color. It is claimed to be almost worm proof. One of the best for early winter use. Pkt. 10c., 25c. per oz., ¼ lb. 85c., \$3.00 per lb.

CABBAGE PLANTS Ready at all seasons according to variety

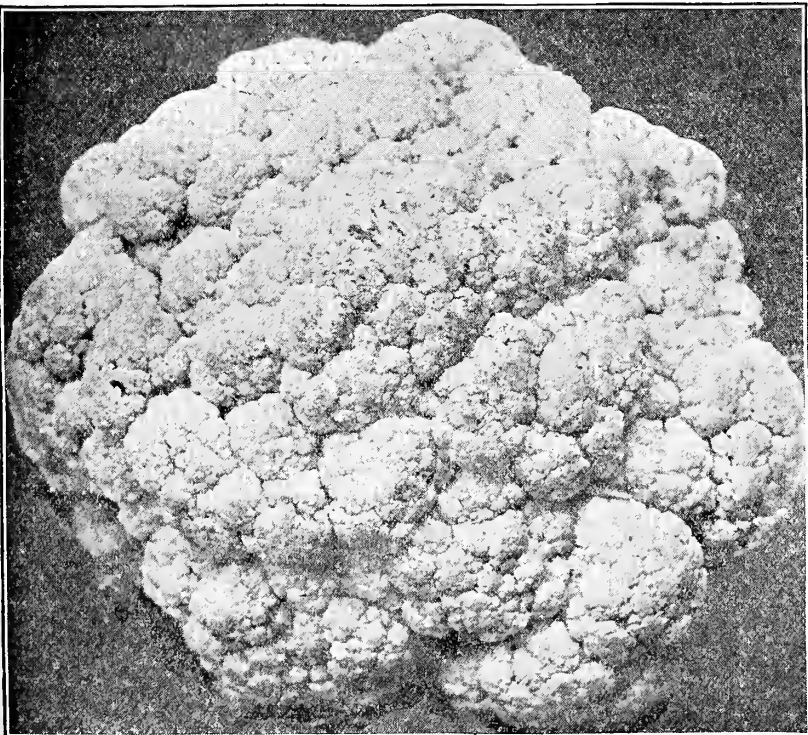
Early Sorts. From hotbeds. All the leading varieties. Per 100 40c. (by mail 55c.), \$3.00 per 1000.

From Cold Frames Transplanted. Per 100 75c., \$6.00 per 1000.

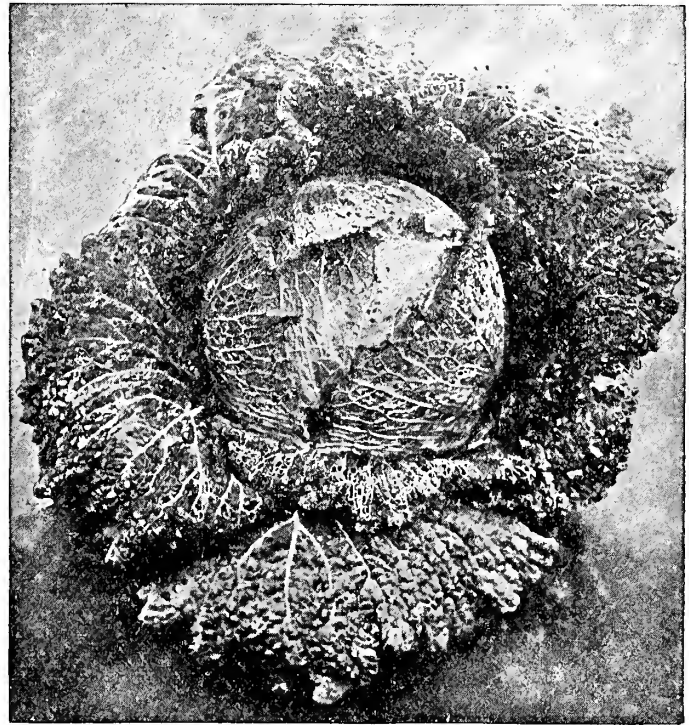
Late Sorts. Ready July 1st. Per 100 40c., \$2.50 per 1000.

CAULIFLOWER One ounce of seed will produce about 3000 Plants

Sow seeds in hotbeds or window boxes in February or March and transplant in cold frames until it is safe to plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row. Ask for Cultural Leaflet No. 108. This covers cauliflower raising fully.



Michell's Selected Snowstorm Cauliflower



Perfection Savoy Cabbage

CARDOON

Plants in appearance are similar to the French Artichoke. Late in autumn hill soil against them like with celery, when thoroughly bleached, it is lifted, the rib is removed from the balance of the foliage and stewed like celery. Sow seed outdoors, as early as possible, in rows 3 feet apart, thin the plants to stand 2 feet apart.

Large Ribbed. Pkt. 10c., 25c. per oz., ¼ lb. 90c.

CATNIP HERB (Perennial)

This is used for various medicinal purposes, making tea, etc. As a tonic for cast it is excellent. Pkt. 10c., 25c. ½ oz., oz. 50c.

CARAWAY HERB (Annual)

The seeds when harvested are used for flavoring bread, producing the famous "German Kümmel Brot." Pkt. 5c., 10c. per oz., ¼ lb. 35c.

Michell's Earliest Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; being very long and compact, it gives enormous weight to the individual heads; especially desirable for its earliness under glass, but does equally well in the late spring, summer or autumn outdoors. Pkt. 25c., 50c. per large pkt., ¼ oz. \$1.50, \$2.50 per ½ oz., 1 oz. \$5.00.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation, small leaved dwarf, for forcing or open ground; the head is not as large as the Snowstorm sort. Pkt. 20c. and 50c., 85c. per ¼ oz., ½ oz. \$1.50, \$2.75 per oz.

Early Snowball. A splendid early variety, producing magnificent medium size white heads. Pkt. 20c. and 50c., 85c. per ¼ oz., ½ oz. \$1.50, \$2.75 per oz.

Danish Giant. An ideal variety for summer use, as it will stand more drought and heat than most other sorts; the heads are large, snow white and are protected with a liberal growth of foliage. This is the ideal variety to plant for summer use if you want to be sure of cauliflower at that season. Pkt. 25c., \$1.00 per ¼ oz., per oz. \$3.50.

Algiers. One of the best late sorts for outdoor planting; always produces a good head. Pkt. 10c., 25c. per ¼ oz., per oz. 75c.

Half Early Paris. Pkt. 10c., 20c. per ¼ oz., per oz. 65c.

Veitch's Autumn Giant. One of the finest late varieties for outdoor culture, doing especially well in the South and during dry periods. Pkt. 10c., 20c. per ¼ oz., per oz. 65c.

CAULIFLOWER PLANTS

(Ready about April 1st)

	Doz.	100
Spring plants from hotbeds	\$0.20	\$1.25
Wintered over Cauliflower Plants from cold frames..	.40	2.00
Pot-grown Plants .....	.50	4.00



Improved Long Orange Carrot

CARROT

(One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.)

Due to unfavorable weather conditions the past season, the seed crop of this was almost a total failure; hence somewhat an increase in prices.

For an early crop sow as soon as danger from frost is over in rows 1 foot apart, when 2 inches high thin out to stand 2 inches apart in the row. For late crop sow in May or June. The long sorts sow early, the half-long and round sorts can be sown later. For complete cultural directions ask for Leaflet No. 107.

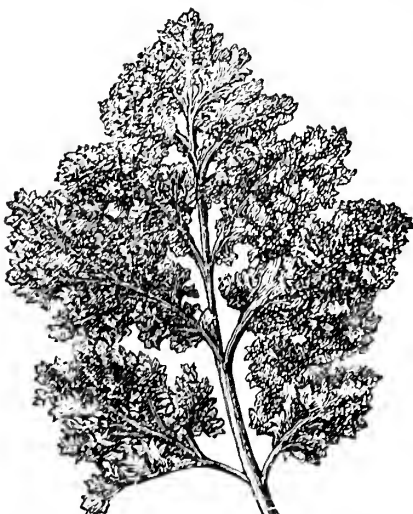
Chantenay Half-Long. Fine orange scarlet color, very productive; especially desirable for market or home use. The flesh is tender, firm and finely grained; 5 inches long, point rooted. Pkt. 5c., 20c. per oz., per ¼ lb. 65c., \$2.50 per lb.

Danvers Half-Long. The best variety for general crop; rich orange color, a very heavy yielder and splendid keeper, a first-class carrot for all soils, and valuable both for table and stock, 6 to 7 inches long, stump rooted. We have an extra fine strain of this favorite sort. Pkt. 5c., 20c. per oz., ¼ lb. 65c., lb. \$2.50.

Early Half-Long Scarlet. A very desirable pointed root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color, can be sown in hotbeds for early use for which purpose it is very good; 5 to 6 inches long. Pkt. 5c., 15c. per oz., per ¼ lb. 50c., \$1.75 per lb.

Early Scarlet Horn. A favorite early red variety, fine grain and good flavor, stump rooted, about 6 inches long, ideal for soups. Pkt. 5c., 15c. per oz., per ¼ lb. 50c., \$1.75 per lb.

Guerande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 or 4 inches long. It has very fine flavor and is well colored a rich orange. Pkt. 5c., 15c. per oz., per ¼ lb. 50c., \$1.75 per lb.



Chervil

CHERVIL

One ounce will sow a row 25 feet long.

An aromatic plant used extensively in Europe as a salad seasoner. It adds a flavor that is entirely its own. When chopped fine and scattered on buttered potatoes it is a rare treat. American gardeners should become familiar with this, as they are missing one of the best things that grow. Sow it in a row like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks, if one has heated frames or a greenhouse, it can be cut 4 or 5 weeks after sowing.

Double Curled. Pkt. 5c., oz. 15c., ¼ lb. 50c., \$1.75 per lb.



A Clump of Chives

and must be sown every season. Pkt. 5c., 10c. per oz., ¼ lb. 35c.

Improved Long Orange (Michell's Special Strain). Deep orange color, 10 inches long, good flavor, yields heavily; is of excellent table quality, and is also the best for stock feeding. This strain grows unusually uniform, root for root, and gives great satisfaction; stump rooted. Pkt. 5c., 15c. per oz., per ¼ lb. 50c., \$1.50 per lb.

Rubicon Half-Long. An entirely distinct Carrot. It is the best in shape, and its deep red orange-colored flesh is the finest quality. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing, sowing in hotbeds and for growing outside. The ideal carrot for the market gardener, point rooted. Pkt. 5c., 20c. per oz., per ¼ lb. 65c., \$2.50 per lb.

Very Early Short Horn Scarlet or French Forcing. An early forcing variety; small round root, not much larger than a radish. For stewing alone or when served with new peas, it is a rare delicacy hard to imagine unless you have eaten thereof. It may be sown outdoors as well as under glass. Pkt. 5c., 10c. per oz., per ¼ lb. 30c., \$1.00 per lb.

White Belgian. Used principally for stock, not being desirable for table, produces a long thick white root. It is also used for soiling or turning under; being a valuable humus maker. It is about 8 to 10 inches long with a green top. Pkt. 5c., 10c. per oz., per ¼ lb. 25c., 85c. per lb.

CHIVES (Schnittlauch)

This popular kitchen garden plant is indispensable for flavoring certain dishes, it imparts a mild onion taste, not, however, to such an extent as to render it objectionable. The plants are hardy and will last for years; don't cut the plant too close when gathering. If desired for winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt. 15c., 2 for 25c.

Strong Plants. 10c. each, doz. \$1.00, \$7.00 per 100.

CORIANDER (HERB)

The harvested seed is used for flavoring confectionery, liquors, etc. It is an annual

Ask for Cultural Leaflet No. 113, on Kitchen Garden Herbs.

CELERY

One ounce of Seed will produce 3000 to 5000 plants;
Half pound will produce enough plants for an acre.

Sow in hotbeds in March or in open ground in April. See that no weeds infest the seed bed; when 3 inches high transplant in a bed outdoors in rows 3 inches apart each way, let them remain here until July, when they should be planted where they are to mature; in rows 3 feet apart, 6 inches apart in the row. Cultural Leaflet No. 109 covers celery growing fully.



Michell's "Magnificent" Celery, a grand variety for Winter use

EARLY VARIETIES (For Thanksgiving and Christmas Use)

White Plume (*Michell's Private Stock*). The standard early celery for market and the home garden. The stalks and heart, which blanch very quickly to almost a pure white, are very crisp and brittle. It can be used early in November and is of the finest quality. This strain of seed is a selection of the finest and best specimens, and will be found very superior in every way. Pkt. 10c., 20c. per ½ oz., oz. 35c., \$1.00 per ¼ lb.

White Plume (*Regular Strain*). Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb.

Early Snowdrift. An improved White Plume self-blancher, with a splendid nutty flavor, the heart is very full; a single plant producing a good quantity; matures for Thanksgiving Day. Pkt. 10c., 20c. per ½ oz., oz. 35c., \$1.25 per ¼ lb.

Golden Self Blanching (*French Grown Seed*). One of the earliest and most productive sorts. The beautiful golden-colored stalks attain a height of 18 inches, which during the growing period are never pithy, of excellent flavor, requiring no artificial blanching process, ready for use in October but may be kept for early winter use. Our seed has been grown in France, where this vegetable attains greatest perfection, and this strain is much superior to American-grown seed. Pkt. 10c., 50c. per ½ oz., oz. \$1.00, \$3.75 per ¼ lb.

Dwarf Golden Heart. This variety comes in for use at Christmas, and keeps well into the spring. The stalk is short, stocky and very nutty. The heart or inner stalks are a rich golden yellow. An ideal home garden variety. Pkt. 5c., 10c. per large pkt., oz. 20c., 60c. per ¼ lb.

Pink Plume. A very solid, crisp, desirable sort; the stalks when blanched are a beautiful rose-pink. On the table it is quite an attraction and should be grown more extensively. It is very early and requires very little artificial blanching. Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb.

Newport, Del.
I sent you a sample of your **WHITE PLUME CELERY**. Of the 5,000 set out one is like the other. The finest and best I ever grew, as with all other seeds I bought from you I am especially well pleased with the celery.

ALEX. ATWELL.

I have already sold \$500.00 worth of your **White Plume Celery** this season.

THEO. SCHALLIOLL.

Bryn Mawr, Pa.

CELERIAC

(*Knollensellerie*) Turnip Rooted

This distinctly German vegetable is used for two purposes, the leaves are cut when young and used to flavor soups and meats. The roots are boiled, sliced, cooled, and served as a salad; the latter are not ready for use until winter.

Giant Prague. Pkt. 5c. (10c. per large pkt.), 20c. per oz., ¼ lb. 60c.

CELERY PLANTS

(*Ready in July*)

Extra selected transplanted stock grown at our own plant establishment. 40c. per 100 (by mail, 60c.), 500 for \$1.90, \$3.75 per 1000.

CELERY PAPER for covering celery banks and trenches to exclude water. 500 sq. ft., for roll, \$1.15. \$5.25 for 5 rolls.

LATE WINTER VARIETIES

Far Superior (*Michell's*). This excellent variety was introduced by us some ten years ago, and has since then remained a favorite. It produces gigantic stalks, and a large, full heart, the flavor is ideal and all that could be desired. It improves with the advance of winter, and is a variety with very little waste, comes into condition for use about January. Pkt. 10c., 15c. per ½ oz., oz. 30c., 85c. per ¼ lb.

Giant Pascal. One of the largest stalked kinds, with wonderful keeping qualities. It is in its prime for use during February and March, and can be used well up into spring. Its flavor is fine and nutty, the stalks have no tendency to be stringy, and are enormously thick and meaty. Pkt. 5c. (10c. per large pkt.), ½ oz. 15c., 25c. per oz., ¼ lb. 75c.

Magnificent. It is well named for its many good qualities; it is a semi-late sort, coming into use about January. The stalks which blanch almost white are exceedingly brittle, so that it has a tendency to melt in the mouth; it is a truly good sort and should be planted extensively. Pkt. 10c., 20c. per ½ oz., oz. 40c., \$1.25 per ¼ lb.

Winter King. One of the newer sorts for late winter use. It blanches nicely, is well flavored and very crisp. Pkt. 10c., 20c. per ½ oz., oz. 40c., \$1.25 per ¼ lb.

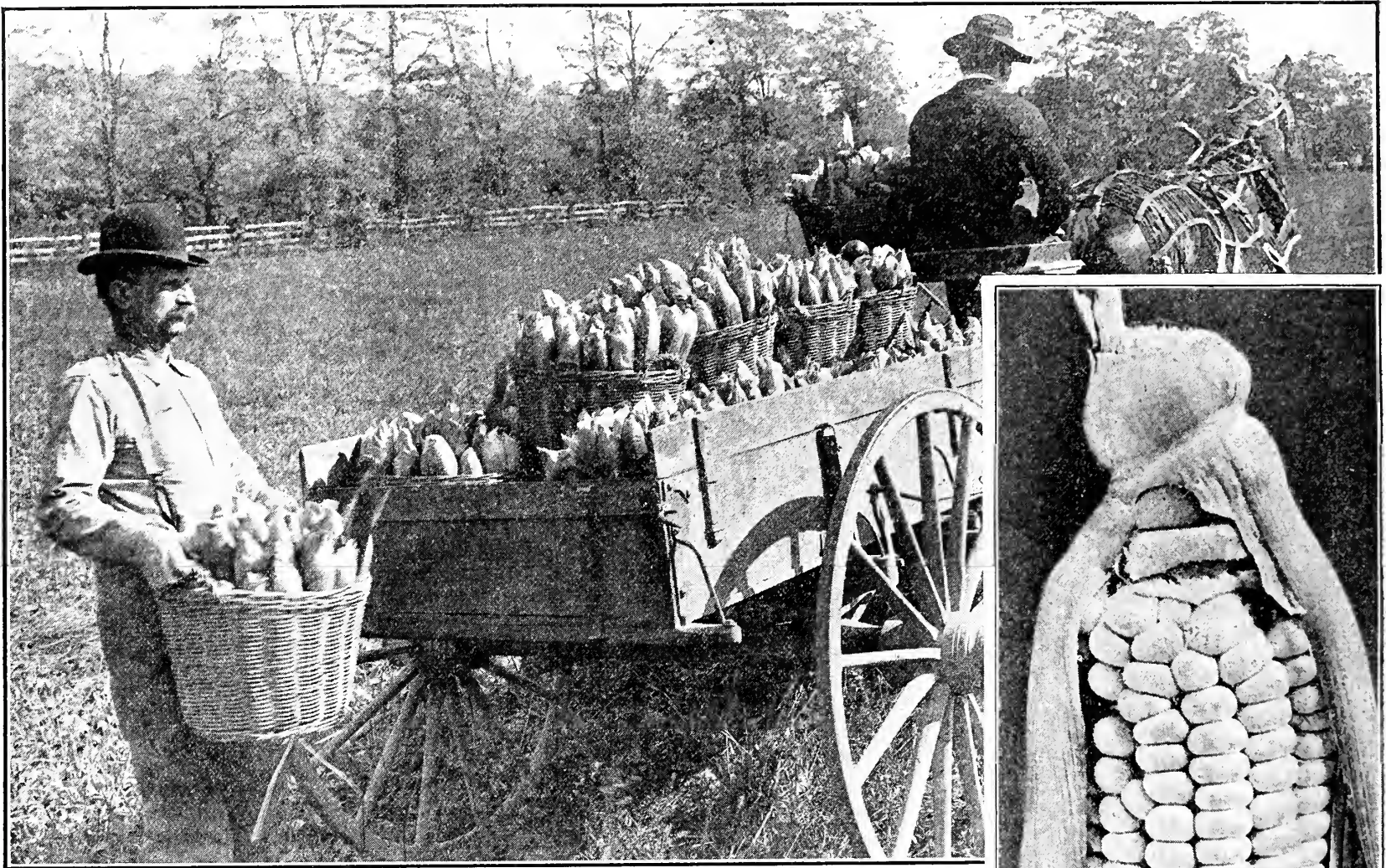
Winter Queen. A medium tall, solid variety, will retain its qualities long thro' the winter. The heart is very full and large. Pkt. 10c., 15c. per ½ oz., oz. 30c., \$1.00 per ¼ lb.

Boston Market. A very short, bushy variety, which blanches almost a pure white, with a distinct desirable flavor. Pkt. 5c. (10c. per large pkt.), oz. 20c., 60c. per ¼ lb.

New Columbia. A new variety of great merit, a medium tall sort, producing a large heavy stalk, three making a massive bunch, has splendid keeping qualities. Pkt. 10c., 15c. per ½ oz., oz. 30c., \$1.00 per ¼ lb.

Flavoring Celery (*not for sowing*). 10c. per ¼ lb., lb. 30c.

We grow Our Vegetable Plants at "Evergreen" Seed Gardens



Off to market with a load of *Michell's Improved Strain Stowell's Evergreen Corn*

SWEET OR SUGAR CORN

One quart will plant 200 hills;
8 to 10 quarts per acre.

Large Packets of all Varieties, 10 cents, postpaid

Plant once a week from the moment the ground is permanently warm until July 15th, drop from 6 to 8 grains in hills three feet apart each way, or in rows three feet apart; if the latter, thin out so the plants stand 12 inches apart; if left in hills, thin out when 4 inches high to 3 or 4 strong plants to the hill. Directions for successful corn growing is covered in Cultural Leaflet No. 110, free for the asking.

EARLY VARIETIES

Golden Bantam. While yellow in color, this is the sweetest and earliest corn in existence, if once planted it will be a sure favorite. The ears are medium size, tender and delicious. The plant is of dwarf growth, we recommend it very highly for the home garden. Pt. 20c., 35c. qt., 4 qts. \$1.25, \$2.00 per peck, bushel \$8.00.

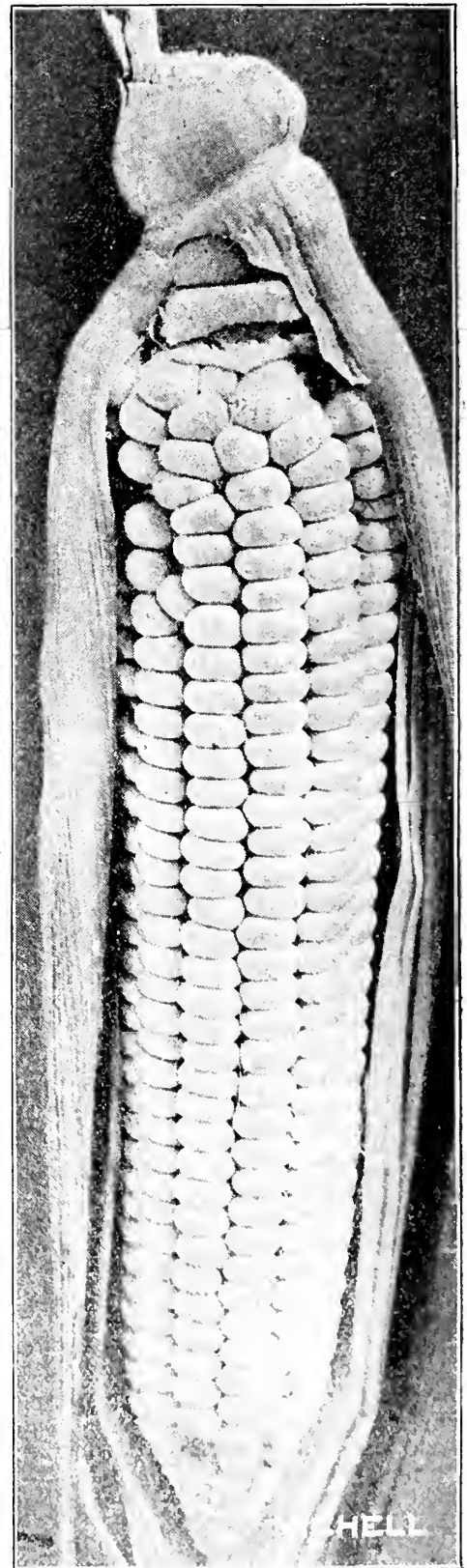
Early Giant Wonder. An extremely good sort, producing larger ears than any other type of true sugar corn, of which it is one of the earliest. Pt. 20c., 40c. per qt., 4 qts. \$1.40, \$2.50 per peck, per bu. \$10.00.

Ideal. The grower of this variety has been carefully selecting it for the past fifteen years. Exceedingly early and large yielder. It is not quite as sweet as some other varieties, it is though, nevertheless, well flavored and its extra early feature outweighs all other points against it. It comes in sooner than other white-kernel varieties. 15c. per pt., 30c. per qt., \$1.00 for 4 qts., pk. \$1.75, \$7.00 per bu.

Kendel's Early Giant. Large ears, large deep grain, well flavored and extra sweet. The ears are very cylindrical. An ideal sort for the first and last planting. Pt. 15c., 30c. per qt., 4 qts. \$1.00, \$1.65 per peck, bushel \$6.25.

Adams' Extra Early. Best for very early planting, but not entirely sweet; white grain. 15c. per pt., per qt. 25c., 90c. for 4 qts., per pk. \$1.25, \$5.00 per bu.

Aristocrat. A typical New England corn, having originated in the vicinity of Newport, and is supplied to the summer cottagers at that point. It is extra early and extremely sweet and luscious. 20c. per pt., per qt. 35c., \$1.10 for 4 qts., per pk. \$1.75, \$7.00 per bu.



Ideal Sugar Corn

If Corn is desired by mail, add 5c. per pint, 10c. per quart, for postage.

SUGAR CORN—Continued

Large Packets of all Varieties, 10 cents postpaid

EARLY VARIETIES—Continued

Crosby's Extra Early. An old favorite sort. Ears small, grain exceedingly sweet, heavy producer. 15c. per pt., per qt. 25c., 90c. for 4 qts., per pk. \$1.40, \$5.60 per bu.

Early Evergreen. This variety is closely allied to Stowell's in shape, flavor and style, but is much earlier. 15c. per pt., per qt. 25c., 90c. for 4 qts., per pk. \$1.40, \$5.60 per bu.

Early Mammoth. The ears and fodder both attain gigantic proportions. The former, besides being large, is handsome in appearance and exceedingly sweet. Matures just after the extra early types. 15c. per pt., per qt. 25c., 90c. for 4 qts., per pk. \$1.40, \$5.60 per bu.

First of All. The grain, when in the dry state, is slightly red-dish; when green, however, it is like most other sorts of the sugar corn family. Most gardeners prefer it for their first and last plantings. 15c. per pt., per qt. 25c., \$1.10 for 4 qts., per pk. \$1.60, \$6.40 per bu.

Peep-O-Day. This corn has two valuable points—extraordinary earliness and unsurpassed sweetness. It may be used for early or late planting with equal success; claimed to be the most prolific variety grown; can be raised under glass quite successfully. 15c. per pt., per qt. 30c., \$1.10 for 4 qts., per pk. \$2.00, \$8.00 per bu.

Premo. A fine type of sugar corn, one of the real good extra early large-eared varieties. 15c. per pt., per qt. 30c., \$1.00 for 4 qts., per pk. \$1.75, \$7.00 per bu.

Stabler's Extra Early. This is the standard sort for the home garden. The large ear is well arrayed with even grains which cook pure white and are very tender. 15c. per pt., per qt. 25c., 90c. for 4 qts., per pk. \$1.40, \$5.60 per bu.

MEDIUM AND LATE VARIETIES

Michell's Delicious. The name hardly describes this sort, some fifteen years ago it was selected by an old Philadelphia gardener who bred it until he had it perfect, ever since we acquired control thereof we have placed it with our best sugar corn grower in New England with instructions to grow it for us exclusively and keep reselecting it. The ears are well filled, medium in size and mature after the early varieties. Pt. 20c., 40c. per qt., 4 qts. \$1.50, \$2.75 per peck, bushel \$11.00.

Stowell's Evergreen (Michell's Improved Strain). The best late corn grown. The ears are extra large, produced in great abundance, stalks often grow to a height of 7 feet; in sweetness it is unexcelled and for this reason it is the great favorite of the market and home gardener. Our strain has been reselected and represents not only a superior quality but a most distinct advance in this splendid variety. Pt. 20c., 40c. per qt., 4 qts. \$1.50, \$2.75 per peck, bushel \$10.00.

Stowell's Evergreen (Usual Strain). Pt. 15c., 25c. per qt., 4 qts. 75c., \$1.25 per peck, bush. \$5.00.

Country Gentleman (Michell's Improved Strain). A distinct sort, with deep, fine grains which are staged irregularly on the cob. In sweetness it is unapproached and for this reason it should recommend itself to every planter. The ears are large and borne on stalks about 6 feet high, a very productive variety and desirable for either home or market use. Our Improved Strain is a careful selection of the finest type and will give unusual satisfaction. Pt. 20c., 40c. qt., 4 qts. \$1.50, \$2.75 per peck, bushel \$10.00.

Country Gentleman (Usual Strain). 15c. pt., qt. 30c., \$1.10 per 4 qts., peck \$1.80, \$7.20 per bushel.

Little Gem or Shoe Peg (Ne Plus Ultra). This variety is closely allied to Country Gentleman in every characteristic. Pt. 15c., 30c. per qt., 4 qts. \$1.10, \$1.80 per peck, bushel \$7.20.

Black Mexican. A medium late variety, reputed to be without exception the sweetest corn grown; while the grains are young they cook white, as the ear becomes older it cooks a violet shade on the outside, but in either stage of growth it is desirable. The ears are medium sized and are produced abundantly. Pt. 15c., 25c. qt., 4 qts. 90c., \$1.50 per peck, bushel \$6.00.

Late Mammoth. Gigantic ears, of extra fine quality, produced in quantity. This is the latest maturing and largest of all sweet corns. The stalks frequently are 8 and 9 feet high. Pt. 15c., 25c. qt., 4 qts. 85c., \$1.35 peck, bushel \$5.40.

SUGAR CORN ON EARS

Large selected specimens of **Crosby's Country Gentleman**, **Stowell's Evergreen**, **Late Mammoth** and **Shoe Peg**. 10c. each, per doz. \$1.00, \$7.00 per 100 ears.

POP CORN



Popping Corn

There is hardly a home in this vast country where the popping of corn is not considered an excellent pastime during the long dreary evenings of winter. When popped, buttered and sugared it is not only delicious but healthful. Not all pop corn is the right kind for popping. What we offer,

however, can be relied upon for planting or popping.

White Rice (Ears). Lb. 10c., 3 lbs. 25c., 10 lbs. 75c.

Golden Queen (Ears). (Pops white.) Lb. 10c., 3 lbs. 25c., 10 lbs. 75c.

CORN POPPERS

Made of best quality wire. Price includes handle and lid. 1 qt. size, 15c.; 2 qt. size, 25c.

CHOICE FIELD CORN FOR SEED

We are headquarters for the leading varieties, which we have had grown on contract especially for us. See page 53.



Water Cress

WATER CRESS

This desirable cress may be sown early in spring near the brink of a pond or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, it seeding itself.

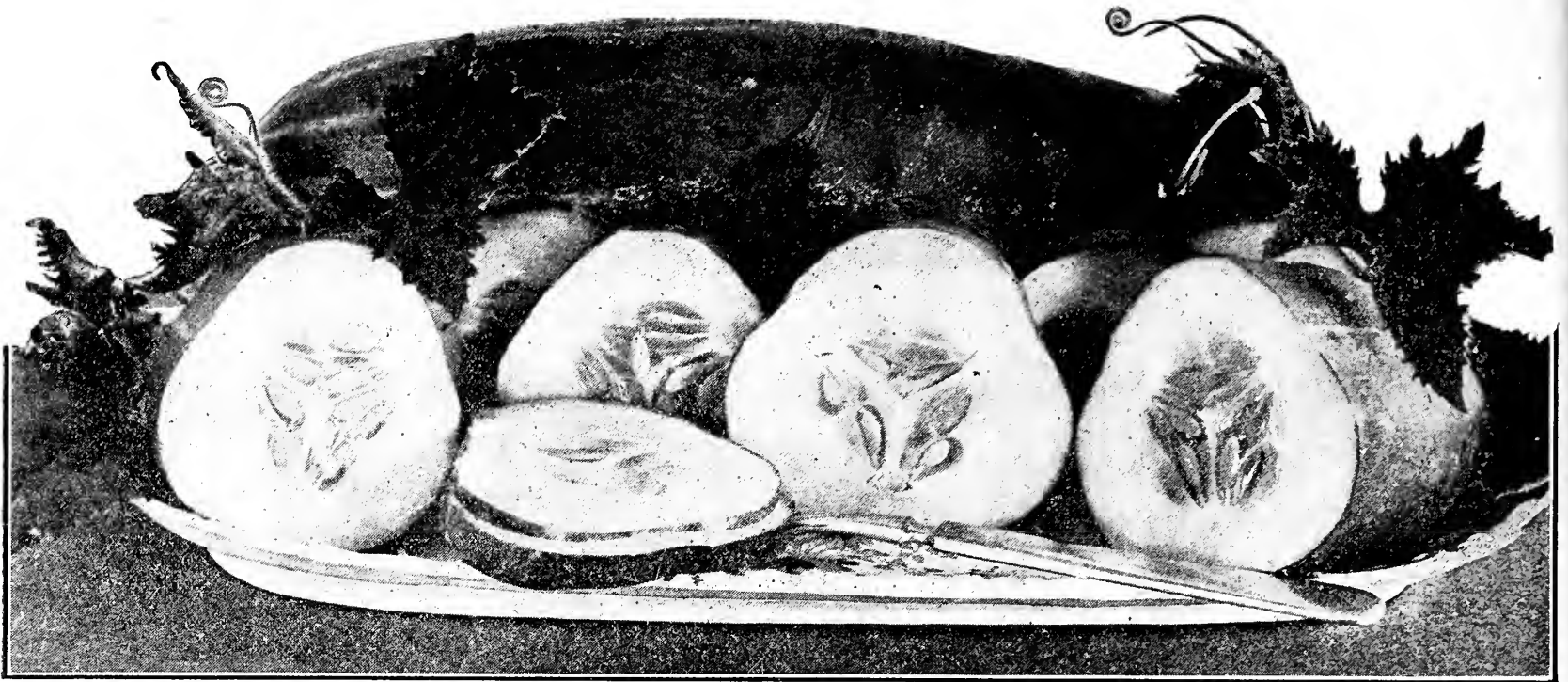
True Erfurt. Pkt. 10c., 20c. per 1/2 oz., oz. 30c., \$1.00 per 1/4 lb.

GARDEN CRESS

Sow thickly in early spring in drills one foot apart, and follow every two weeks, up to August 1st, with a new sowing, as it quickly runs to seed. Its very desirable pungent taste is acceptable to most any one who is fond of garden greens. It is eaten as gathered prepared with either a little salt and vinegar, or without; makes a very tasty salad.

Extra Curled or Pepper Grass. Pkt. 5c., 10c. per oz., 1/4 lb. 20c., 50c. per lb.

If Corn is wanted by mail, add 5c. per pint, 10c. per quart, for postage.



Michell's Arlington White Spined Cucumber

CUCUMBER

One ounce of seed will plant 60 hills;
2 to 3 pounds per acre.

Plant when the ground has become thoroughly warmed in hills, 4 feet apart each way, 8 seeds in a hill, when the second set of leaves have formed thin out to 4 plants. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Pyrox or Arsenate of Lead, when this is used always wash the fruits thoroughly before using. Culture of Cucumbers is fully covered in Leaflet No. 111, ask for a free copy.

Michell's Arlington Improved White Spined. This cucumber is conceded to be absolutely perfect in form, color, size and productiveness and is, therefore, the leading sort for not only the home or market garden, but also with those who make a specialty of growing them under glass. The fruit is smooth, deep green to the tip and measures uniformly 8 inches in length. It has few seeds, making it a valuable variety for slicing or pickling. A splendid keeper, retaining its color remarkably; the seed we offer is an extra selection. Pkt. 10c., 15c. per oz., 50c. per $\frac{1}{4}$ lb., lb. \$1.50.

Improved White Spined. A popular strain of the above, producing fine quality. Pkt. 5c., 10c. oz., $\frac{1}{4}$ lb. 30c., \$1.00 lb.

Davis' Perfect. This remarkably fine variety is suited for growing under glass as well as outdoors. The fruits are uniform in shape and size, measuring 10 to 12 inches on the average. Its color is dark green all over and it is quite smooth and productive. Pkt. 5c. (10c. large pkt.), 15c. oz., $\frac{1}{4}$ lb. 45c., \$1.35 lb.

Emerald. A dark green early sort, very smooth and prolific, it grows very straight, measuring on the average 8 inches. It is not as thick as some sorts, thus making it valuable for slicing. Pkt. 5c. (10c. per large pkt.), per oz. 15c., 40c. per $\frac{1}{4}$ lb., lb. \$1.25.

CORN SALAD (*Fetticus*)

This is principally sown for a supply of greens during winter and early spring months. Sow in September broadcast; when cold weather approaches, cover it with a litter of leaves or long manure; and upon approach of spring the covering can be taken off entirely. It can be gathered on mild days during winter.

Large Leaved, Round Seeded. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.



Cool and Crisp. An improvement on the White Spined variety, being somewhat longer, earlier and continuing to bear for a longer while than most sorts. The ends are uniformly tapered, the fruits are dark green and free from spines. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

Long Green Turkey. This is one of the largest cucumbers grown, used principally for slicing. Its dark color makes it desirable for market. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

Cumberland. A long slender variety which is very productive; fine for pickling or slicing; average length, 8 to 10 inches; dark green color. Pkt. 5c., 10c. oz., $\frac{1}{4}$ lb. 30c., \$1.00 lb.

Evergreen. The name is derived from the feature of its dark green color-retaining qualities, a thick fruit measuring about 8 to 9 inches long. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

Jersey Pickle or Green Prolific. This sort can be used for slicing, but is best for pickling on account of its size, which averages 5 inches; makes ideal "Dill Pickles" as sold extensively in the delicatessen stores. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental, producing extra long light green fruits in abundance. Pkt. 5c. (10c. per large pkt.), 15c. per oz., $\frac{1}{4}$ lb. 40c., \$1.25 per lb.

Gherkin or Burr Cucumber. For pickling only, the small fruits are roundish long, about 2 inches, very prickly when green. Pkt. 5c. (10c. per large pkt.), per oz. 20c., 60c. per $\frac{1}{4}$ lb.



English Cucumber,
"Lockie's Perfection"
Average length, 24 inches.

ENGLISH CUCUMBERS

These are ideal for growing outdoors as well as under glass. They produce enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.

Covent Garden, Lockie's Perfection, Marquis of Lorne, Rochford's Market Garden, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds 25c., \$2.00 per 100 seeds.

DILL HERB (Annual)

Used extensively for culinary use and for putting with cucumbers when pickling, producing the famous German "Dill Gurken." Pkt. 5c., 10c. oz., $\frac{1}{4}$ lb. 25c.

CHICORY

and other

WINTER SALAD PLANTS



"Witloof"

WITLOOF

This grows in a solid oblong head and blanches ivory white. When lifting, cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads and is used to such an extent in this country that much of it is imported. Pkt. 5c. (large pkt. 10c.), 15c. per oz., $\frac{1}{4}$ lb. 40c., \$1.25 per lb.

LOMBARD CHICORY

This has long, narrow, fringed leaves of a beautiful pink color; these leaves have the most delicate flavor and are decorative on the table. Pkt. 10c., 15c. per $\frac{1}{2}$ oz., oz. 25c., 80c. per $\frac{1}{4}$ lb., lb. \$2.50.

BARBE DU CAPUCIN

This is the most popular winter salad in Paris; the leaves are broad, blanch yellow, are fringed and have a distinct flavor. Pkt. 10c., 15c. per $\frac{1}{2}$ oz., oz. 25c., 80c. per $\frac{1}{4}$ lb., lb. \$2.50.

ENDIVE (See description under that heading)

ESCAROLLE (Broad Leaved Batavian Endive)

A variety of endive with broader foliage and of piquant flavor; very popular in Italy. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. per $\frac{1}{4}$ lb., lb. \$1.50.

SORREL (Oscille) (Broad French)

Although this is considered a weed in this country, it is one of the finest palatable salads in winter if grown like described in Cultural Leaflet No. 131. Pkt. 5c. (10c. per large pkt.), oz. 15c., 30c. per $\frac{1}{4}$ lb., lb. \$1.00.

DANDELION (Thick-Leaved or Cabbaging)

A well established plant lifted in the fall, sheared of its leaves and planted in a dark hotbed, as described in Cultural Leaflet No. 131, produces new foliage of golden yellow of the most delicate flavor. Pkt. 5c. (10c. per large pkt.), $\frac{1}{2}$ oz. 20c., 40c. oz., $\frac{1}{4}$ lb. \$1.25.

SEASONING PLANTS FOR FRENCH SALADS

Tarragon.—Lifted in the fall and planted in well protected cold-frames the foliage is available all winter. Strong plants 20c., \$2.00 per dozen.

Chervil (Cerfeuil). Double Curled.—Build a hotbed in November and bank in on all sides with fresh manure to exclude any possibility of frost.

Sow seeds rather thickly and in six weeks from time of sowing sufficient growth has been made to begin pulling. One frame ought to last all winter. The flavor of chervil is distinct and is not approached by anything else.

Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. per $\frac{1}{4}$ lb., lb. \$1.75.

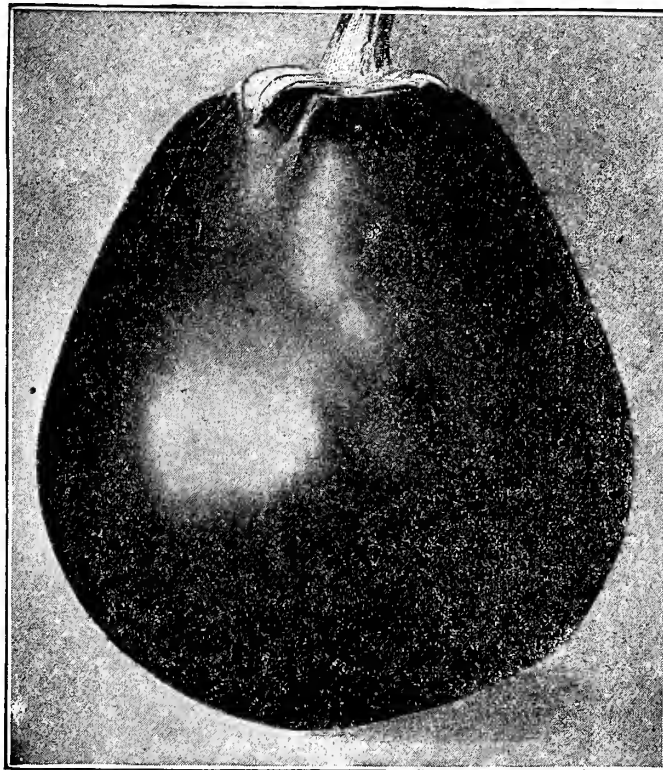
COMMON CHICORY (Large Rooted)

This variety is cultivated principally for the roots, which when matured are dried and ground. It is a substitute for coffee and is used sometimes for flavoring the latter. The roots can be boiled, prepared and served like salsify. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 80c. per lb.

DANDELION

While this name applies to one of the most obnoxious weeds, this variety is a valuable vegetable, grown in quantities for the New England markets, where it is prized as the first spring greens. The leaves, which are very fleshy, are boiled and served hot or cold; not alone is it appetizing but very healthy and highly recommended by physicians. Seed should be sown in spring thickly in a bed in the garden, where the plants should remain for the season, late in the fall cover the bed with a movable sash or leaves or salt hay for protection. To be real tender it must be used very early in the spring, after which the bed should be destroyed, unless it is desired to make wine from the flowers. A new bed should be made each season.

Thick Leaved or Cabbaging. Pkt. 5c. (10c. per large pkt.), 20c. per $\frac{1}{2}$ oz., oz. 40c., \$1.25 per $\frac{1}{4}$ lb.



Black Beauty Egg Plant

EGG PLANT (One Ounce will produce about 2000 Plants.)

Sow seed in March in hotbeds and when three inches high transplant into small pots or otherwise. Plant outdoors in May or June, or after the weather has become permanently warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row. Ask for Cultural Leaflet No. 112, covering Egg Plant growing.

SELECTED NEW JERSEY GROWN SEED

Black Beauty. An extra early large variety, almost black in color, very prolific and with few seeds. Pkt. 10c., 25c. per $\frac{1}{2}$ oz., oz. 45c., \$1.50 per $\frac{1}{4}$ lb.

Michell's New York Improved. An old standard, quite large and more elongated than the Black Beauty, with a rich purple color. Pkt. 10c., 20c. per $\frac{1}{2}$ oz., oz. 40c., \$1.25 per $\frac{1}{4}$ lb.

Black Pekin. An extra early, small, black variety. Pkt. 10c., 15c. per $\frac{1}{2}$ oz., per oz. 30c., \$1.00 per $\frac{1}{4}$ lb.

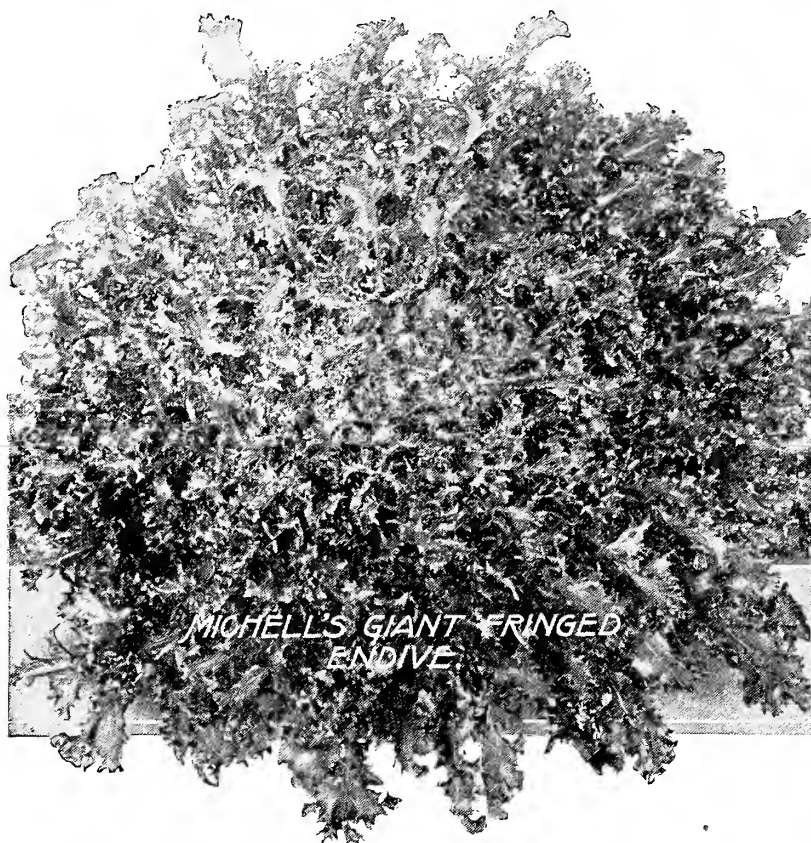
Early Long Purple. The earliest and hardiest, very productive. Pkt. 5c. and 10c., 20c. per oz., $\frac{1}{4}$ lb. 65c.

EGG PLANT PLANTS (Ready May 15th). Pot-grown. **New York Improved, Black Beauty.** Produced at our "Evergreen" Seed Gardens. Per doz. 50c., \$4.00 per 100.

Hightstown, N. J.

Send us at once the following EGG PLANT SEED. Last year they came up fine and did well. We bought elsewhere also but yours were the best of all.

JOS. H. BLACK SONS CO.



MICHELL'S GIANT FRINGED
ENDIVE

ENDIVE (Sometimes called Chicory)

One ounce will sow a row 200 feet long

Sow from June to August in shallow drills and when 2 inches high thin out so the plants stand 10 inches apart. When fairly well developed tie the plants together at the top with Raffia, but do this at a time when the leaves are dry, this is called the blanching process. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they must be lifted late in the autumn, placed in a dry cool cellar, covering the roots with soil. If handled thus it may be had well into spring, and makes an excellent salad.

Broad-Leaved Batavian (Escarolle). Leaves broad, light green, nearly plain. Pkt. 5c. (large pkt. 10c.), 15c. per oz., per ¼ lb. 50c., \$1.50 per lb.

Giant Fringed (Oyster Endive). A strong growing variety with a large white heart and broad leaves, the heads frequently measure 15 inches in diameter. Pkt. 5c. (large pkt. 10c.), 25c. per oz., per ¼ lb. 75c., \$2.50 per lb.

Improved Green Curled. An improvement on the old Green Curled variety, producing a larger head and more leaves. Pkt. 5c. (large pkt. 10c.), 15c. per oz., per ¼ lb. 50c., \$1.50 per lb.

White Curled (self-blanching). This is the finest White Curled variety, grows to a large size, always crisp and very tender. Pkt. 5c. (large pkt. 10c.), 20c. per oz., per ¼ lb. 50c., lb. \$1.50.

FENNEL HERB (Annual)

An aromatic plant used for flavoring and in cooking, also for tea for children. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

GARLIC SETS (Knoblauch)

A hardy flavoring onion, used extensively in the French method of cooking. This variety should not be compared with the common field sort, as this produces large bulb. Plant and harvest the same as onions. 30c. per lb. (by mail 38c.), \$1.25 for 5 lbs.

HOP VINE

Besides being used in culinary and medicinal ways, this makes a valuable shade plant, placed on arbors, trellis, etc. It is hardy and rarely winter-kills. The hops are gathered about September and stored for use on a dry floor or hung in bags.

Seeds. Pkt. 10c., 30c. per oz.

Roots (ready in April). 5c. each, doz. 50c., \$4.00 per 100.

HOREHOUND HERB (Annual)

Used for various medicinal purposes and for flavoring. Pkt. 5c. (large pkt. 10c.), 15c. ½ oz., oz. 25c.

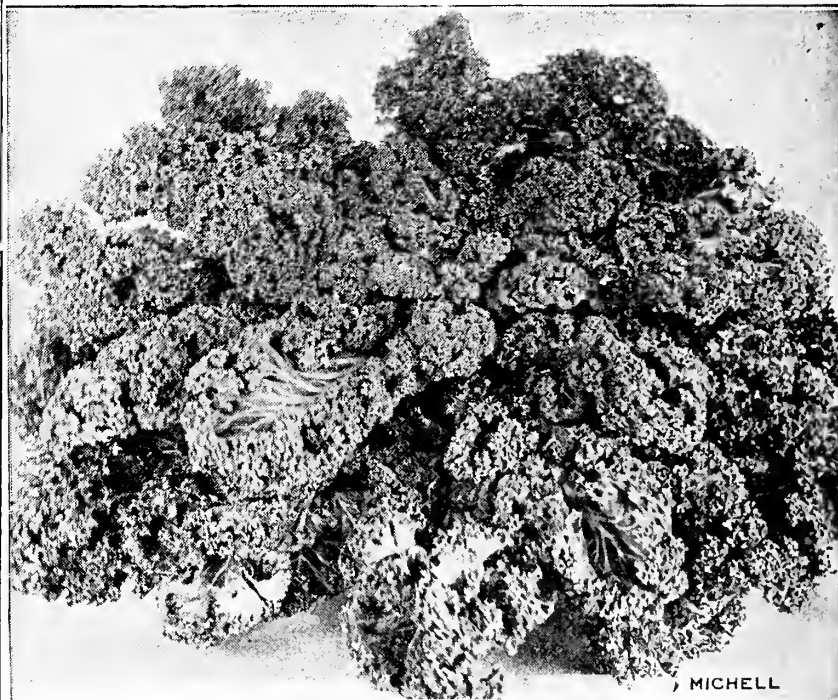
HORSE RADISH ROOTS

(Ready in March)

Horseradish is used in most every household during the fall and winter months when the fresh product is ready. Set the roots in spring in rows six inches apart, about the same distance in the row. No cultivating of any amount is required. Late in the fall lift as many roots as you think you will use during the winter, cut off the top, place them in a cool cellar covered with soil or sand, and grate as wanted. A bed once planted remains for years.

Maliner Kren. A large quick-growing variety, which is now the very best horse radish grown. Large strong cuttings 25c. per doz., per 100 75c. (postpaid \$1.00), \$6.00 per 1000.

Regular Variety. Doz. 15c., 50c. per 100 (postpaid 65c.), per 1000 \$4.00.



Dwarf Curled Scotch Kale

KALE OR BORECOLE (One ounce will sow a drill 150 ft. long; 3 lbs. will sow an acre)

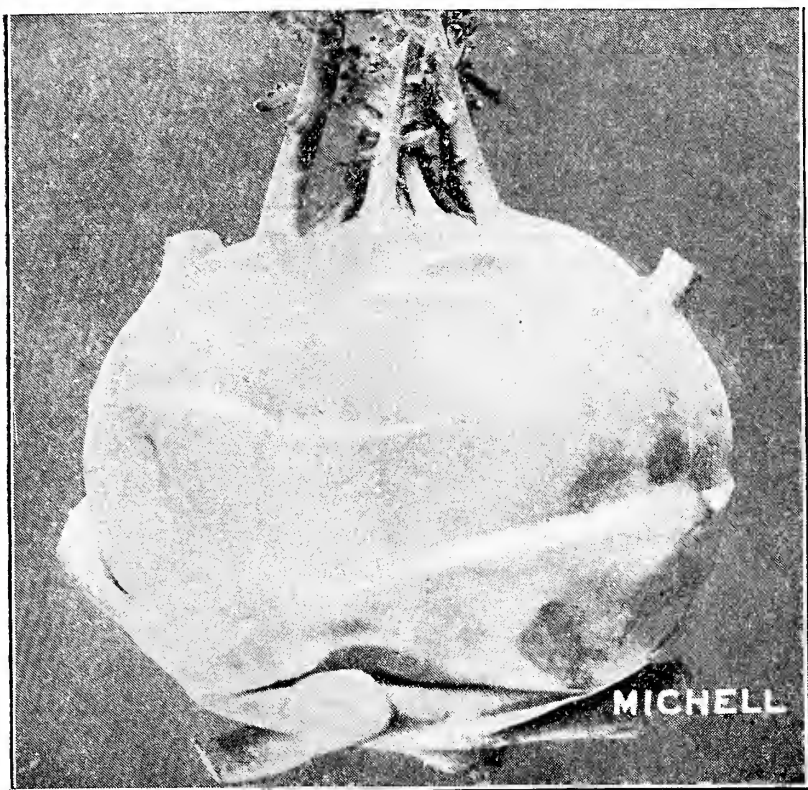
For early use it may be sown in May; when desired for winter use sow in September broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition, one of the finest nutritious greens.

Dwarf German Green Curled. This variety is very compact growing, rarely attaining a height over six inches. The color is dark green, very curly. Pkt. 5c., 10c. oz., ¼ lb. 25c., 80c. lb.

Dwarf Green Scotch. A very good variety, quite an improvement on the Dwarf German type. It is more prolific, holds its color better, and is more densely curled; fine for winter use. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

Imperial Long Standing. The leaves are very crimp and of a dark green color. It stands quite tall, and is an excellent producer. It is just as hardy as any of the other sorts, and will be found very profitable where quantity as well as quality is desired. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

Tall Purple Scotch. Similar in every way to the Imperial Kale except the color. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 75c. per lb.



Earliest White Erfurt Kohl Rabi

KOHL RABI (One ounce will sow a row 150 feet long)

It is regrettable that this splendid vegetable is not more widely used, we would suggest that those who read these lines give it a trial and if pleased with it, recommend it to their friends. Sow seeds in early spring in hotbeds or outdoors and transplant when 3 inches high in rows 18 inches apart, 6 inches in the row. The edible part is the turnip which grows above the ground, this should be used when it attains a size of 2½ inches in diameter or less, at this stage it is extremely tender and delicious, while if it is larger it is woody. Prepared and served like turnips, except that a few of the bottom leaves can be cooked with the root. If they get old before they are used, feed to the cows, they relish them; and it gives the milk a fine flavor.

Blue or Purple Vienna. The flesh is white, with a bluish skin. Principally used for outdoor sowing. Pkt. 5c. and 10c., 20c. per oz., 60c. per ¼ lb.

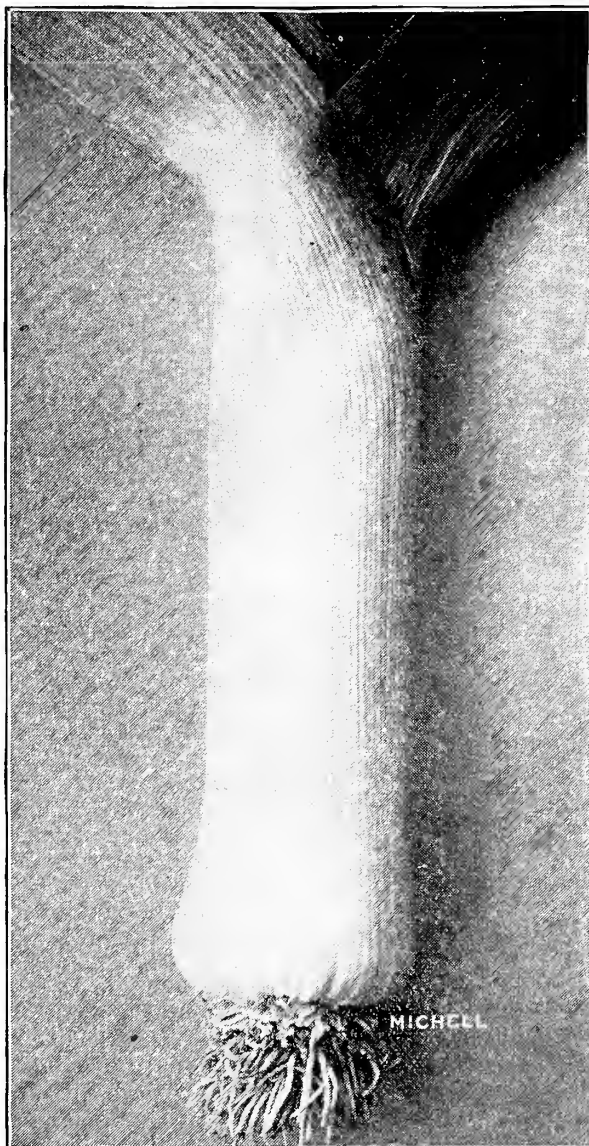
Early White Vienna. This variety is suited for sowing under glass and for outdoors. The top is very short, thus allowing all the development to go to the root, insuring an early maturity. Very finely grained and of excellent quality. Pkt. 5c. and 10c., 15c. per ½ oz., oz. 25c., 65c. per ¼ lb.

Earliest White Erfurt. A very small rooted sort; fine for forcing; exceedingly tender and sweet. Pkt. 10c., 15c. per ½ oz., oz. 30c., ¼ lb. 85c.

LAVENDER HERB (Perennial.)

This aromatic herb is grown largely for its flowers, which are very highly scented, cut and dried it is spread among linen and clothing to which it imparts an agreeable perfume. It also has the tendency of keeping away moths. Cultural directions are given in Leaflet No. 113. Pkt. 5c. (large pkt. 10c.), oz. 20c.

Lavender Plants. 10c. each, doz. \$1.00, \$6.00 per 100.



Giant Carentan Leek

MINT

This variety is the true spearmint used for making mint sauce and juleps, also in many other ways. The plants are hardy and when once established remain for years.

Seeds, 25c. per packet.

Plants, 10c. each, doz. \$1.00, \$6.00 per 100.

MUSTARD

One ounce will sow a row 75 feet long. Another one of the things the average person who gardens knows nothing of except in a prepared state as a condiment. It makes a delicious green salad, pungent in taste, highly palatable and healthy. It should be sown every two weeks in a row the same as spinach, for a continuous supply, beginning in April.

It must be used while young, as only then is it tender and mild. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce salad for flavoring. The seed can be harvested if the plant is allowed to stand and used for other culinary purposes.

White or Yellow. 5c. per oz., ¼ lb. 15c., 40c. per lb.



A Mustard Plant

MARTYNIA (Unicorn Plant)

A bushy plant growing two feet in height, bearing clusters of pink flowers resembling gloxinias, which afterwards turn to long green pods, which when picked are preserved the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant so they stand 2 feet apart each way.

Proboscidea. Pkt. 5c. (large pkt. 10c.), 15c. ½ oz., oz. 25c., 75c. per ¼ lb.

LEEK (One Ounce of Seed will sow 100 feet of drill.)

Allied to the onion family but producing no bulb, the stalks are cut and used for flavoring soups, also they are boiled and served with melted butter, and make a very palatable dish on account of their mild flavor. Sow seeds in April in rows 1 foot apart, covering the seed about an inch, when about 4 inches high transplant where it is to develop in rich soil in rows 18 inches apart, 6 inches in the row. When fully grown, hill soil against them to blanch them, about Nov. 1st take up the plants and store them in a cool cellar, placing the root end in soil 3 or 4 inches, thus a supply may be had all winter.

Giant Carentan. A variety which produces colossal stalks of tender quality, splendid for exhibition purposes. Pkt. 5c. (large pkt. 10c.), 15c. per ½ oz., oz. 25c., 65c. per ¼ lb., lb. \$2.00.

Large Musselburg. Of enormous size, mild flavor and tender. Pkt. 5c. (large pkt. 10c.), 20c. per oz., ¼ lb. 50c. \$1.60 per lb.

London Flag. Popular for the home garden, makes a longer but narrower stalk than others. Pkt. 5c. (10c. per large pkt.), oz. 20c., 50c. per ¼ lb., lb. \$1.60.



**MICHELL'S "ALL RIGHT"
LETTUCE** (See Cut)
"First in Spring—Last in Fall"



LETTUCE (One ounce of Seed will produce 2500 Plants)

Our Leaflet No. 115 covers the growing of it outdoors and under glass; ask for a copy with your order or otherwise.

HEADING VARIETIES (Kopf Salat)

Michell's All-Right. This is not a variety for forcing, but rather for an early spring crop in the hotbed or outdoors; and for sowing in August for late autumn under sash or outside; where it is not affected by cold, which with some sorts turns them brown. On the other hand, this variety retains a rich green color. The heads are very large, often 12 inches in diameter, very solid and with a rich buttery heart of light yellow. Don't use this variety for a summer crop. Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.50.

Michell's Number One. This lettuce is a positive header under the most trying conditions. It is tender, of a decided buttery flavor, and immensely large. A valuable type for hot weather; also desirable for autumn use. This commands twice the price of other sorts, should not be used for forcing. Pkt. 10c., 15c. per ½ oz., per oz. 30c., \$1.00 per ¼ lb., per lb. \$3.00.

Michell's Spotted Dutch Butter (*Private Stock*). A medium sized head, light green leaves with a delicate yellow heart. The outer leaves are tinged with brown on the edges, hence the word spotted being applied. This desirable sort is suitable for forcing as well as sowing outdoors in summer. Pkt. 10c., 15c. per ½ oz., oz. 30c., \$1.00 per ¼ lb., lb. \$2.50.

Spotted Dutch Butter Lettuce (*Usual Strain*). Pkt. 5c. (10c. per large pkt.), 20c. per oz., ¼ lb. 50c., \$1.50 per lb.

May King. The first solid head lettuce to mature outdoors, hence its name; it is of good size with a very tender full heart. Suitable for sowing under sash in the early spring; the outside leaves are tinged a golden brown. Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.50.

Big Boston. A large flat cabbage-headed variety, splendid for midsummer or fall use or under glass in the early spring and autumn, a delightful shade of light green tinged light brown on the outer leaves. Pkt. 5c. (10c. per large pkt.), 20c. per oz., ¼ lb. 60c., \$2.00 per lb.

Mammoth Salamander. One of the best of the midsummer varieties, resisting heat and drought wonderfully and remains in heading condition longer than many others. The heads are enormous, of a fresh green color; the loose leaves can all be used, as they are extremely brittle and tender. This strain is an improvement on the usual form. Pkt. 5c. (10c. per large pkt.), oz. 20c., 50c. per ¼ lb., lb. \$1.75.

All Heart. An excellent lettuce for either spring or summer use. The head, while large, has a loose heart, which is of a decided buttery flavor, can be used for sowing in frames or in early summer and spring outdoors. Pkt. 10c., 15c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.25.

Boston Market. Early small heading variety; one of the best for forcing; the heart is very solid, crisp and pure white. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 50c., \$1.50 per lb.

Cabbage Head Giant. A monster head lettuce with a full heart, desirable especially for summer use; 6 heads will fill a half bushel basket. Pkt. 10c., 25c. per oz., ¼ lb. 80c., \$2.75 per lb.

California Cream Butter. A good all-round summer lettuce. Heads are large, compact and well formed. It has a decided buttery flavor. Pkt. 5c. and 10c., 15c. oz., ¼ lb. 40c., \$1.25 lb.

Deacon. Used as an early spring lettuce as well as for late fall. The heads are very large and well shaped, can be forced. Pkt. 5c., 15c. per oz., ¼ lb. 40c., \$1.30 per lb.

Emperor Forcing. For sowing in greenhouses or in hotbeds. Heads are not large but very solid. It does not make a suitable head outdoors. Color light green, heart tender and buttery. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 50c., \$1.60 per lb.

Golden Queen. A very early sort for either outdoor or forcing; the leaves are light green while the heart is almost a golden yellow and very compact, while the head is small, when prepared it makes more edible lettuce than any other variety of the same size. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 50c.

Early Cabbage or White Butter. A wonderful producer of the largest sized heads; while an older variety, it still is in the lead. Excellent to sow in hotbeds for early spring use, while it may be used continuously until autumn. Color a light green with a rich delicate interior, very hardy. Pkt. 5c. and 10c., 15c. per oz., ¼ lb. 45c., \$1.50 per lb.

Hanson Improved. Tremendous solid heads; the outer leaves are curled; the interior is almost white and very tender; stands the heat well, therefore excellent for summer use; this produces probably the heaviest head of lettuce of any variety. Pkt. 5c. and 10c., 20c. per oz., ¼ lb. 50c., \$1.50 per lb.

See opposite page for Plants adapted for making Lettuce Dressings

LETTUCE—Continued

HEADING VARIETIES—Continued

Iceberg. A summer variety, producing solid heads of fine quality; outer leaves are curled, similar to Wonderful which it resembles very much, except the heads are somewhat smaller. Pkt. 5c. 15c. per oz., $\frac{1}{4}$ lb. 45c.

Sensation. This is an ideal summer lettuce, or it may be sown under sash for early spring use; it forms heads very rapidly. Color a light green; quality delicate, and well flavored. Pkt. 5c. and 10c., 20c. per oz., $\frac{1}{4}$ lb. 50c., \$1.75 per lb.

Silver Ball. A combination for either forcing or outdoor sowing, an excellent heat resister, heads small and compact. Color dark green, delicate buttery flavor. Pkt. 5c. and 10c., 20c. per oz., $\frac{1}{4}$ lb. 50c., \$1.50 per lb.

Tennisball (White Seeded). The head is small but very hard, it matures early and is especially desirable for forcing. There are very few outer leaves, and consequently little waste. Pkt. 5c. and 10c., 20c. per oz., $\frac{1}{4}$ lb. 50c., \$1.50 per lb.

Tennisball (White Seeded). The head is small but very hard, it matures early and is especially desirable for forcing. There are very few outer leaves, and consequently little waste. Pkt. 5c. and 10c., 20c. per oz., $\frac{1}{4}$ lb. 50c., \$1.50 per lb.

Unrivaled. Very large, light green and of a crisp nature. Very desirable for summer use. As a general all-round variety few lettuces can approach it. Pkt. 5c. and 10c., 20c. per oz., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Wonderful. Of the cabbage-headed sorts this is a leader; the color is dark green, with white interior; the heads are large, having curled outer leaves, a popular kind for summer. Pkt. 5c. and 10c., 20c. per oz., $\frac{1}{4}$ lb. 50c., \$1.75 per lb.

COS LETTUCE

Of French origin, this type, as will be seen by the illustration, differs greatly from the American varieties by its peculiar upright growth and its decided flavor. To have it real tender the heads must be tied together at the top so that the inner leaves blanch. It is best adapted to outdoor planting and stands the heat well. When thinning out remember that they require less room than the regular heading varieties.

Kingsholm Cos. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib, the heads are very full throughout and therefore contain more edible part. Pkt. 5c. (large pkt. 10c.), 20c. per oz., $\frac{1}{4}$ lb. 50c., \$1.50 per lb.

Trianon Self-Folding. The peculiarity of this sort lies in the fact that the crown of leaves overlap each other which closes over the heart, thus rendering it self-blanching. It is very early and ready for use ahead of the Kingsholm variety. Pkt. 5c. (10c. per large pkt.), oz. 20c., 50c. per $\frac{1}{4}$ lb., lb. \$1.50.



Kingsholm Cos Lettuce

This type is sometimes called Celery or Cos Lettuce.

LOOSE LEAF OR CUTTING VARIETIES

If you are not fortunate enough to possess a hotbed, you may enjoy outdoor-grown lettuce just as early by sowing these varieties, as though you had sown head sorts under glass. It is surprising what quantity one can obtain from a very small space, whether for early or midsummer use. The seed should be sown very thickly. When pulling the young plants try to do so with an effort to thin out the bed, thus allowing the remaining plants to become large. This class is always tender and is preferred by many to the heading varieties. Some sorts as mentioned should be cut instead of pulled, as they bear for a long while from the same root.

Grand Rapids (Special Strain). The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle, and have a palatable flavor. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. $\frac{1}{4}$ lb. 50c., \$1.50 per lb.

Black Seeded Simpson. Ideal for midsummer use, as it withstands the most trying conditions of heat and drought. When matured, presents a formidable loose head with finely fringed leaves. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. $\frac{1}{4}$ lb., \$1.50 per lb.

Early Curled Simpson (White Seeded). Similar to the above and adapted especially for earlier growing and use. Pkt. 5c., 10c. per large pkt., oz. 15c., 45c. per $\frac{1}{4}$ lb., lb. \$1.50.

Silesian. This variety should be cut instead of pulled, as it makes new growth from the same root. A light green color and when given plenty of room will form a large loose head. Pkt. 5c. (10c. per large pkt.), oz. 15c., 45c. $\frac{1}{4}$ lb., \$1.50 per lb.

Oak Leaved. An open flat headed variety which is a mass of foliage, shaped somewhat like that of an oak tree; a beautiful light green color. Pkt. 5c. (10c. per large pkt.), oz. 20c., 60c. per $\frac{1}{4}$ lb., \$1.50 per lb.

LETTUCE PLANTS

We can supply these at all seasons in Heading Varieties. 40c. per 100, (postpaid 50c.); \$3.00 per 1000.

PLANTS USED FOR GARNISHING AND FLAVORING LETTUCE

Tarragon (Estragon). This plant is perfectly hardy and once established remains for years, the foliage is finely cut and spread over the lettuce. It is also put into vinegar, to which it imparts a flavor. Plants 20c. each, doz. \$2.00.

Borage. This is an herb which has a broad fuzzy leaf, which are cut and distributed on the salad. Seed 5c. pkt., 10c. oz., $\frac{1}{4}$ lb. 35c.

Chervil. One of the most delicious flavoring plants in cultivation, the leaves resemble a fern leaf parsley, are finely cut and mixed with the lettuce, or they can be distributed as gathered on top. To have a succession, sow seed every two weeks. Seed 5c. pkt. (10c. per large pkt.), oz. 15c., 50c. $\frac{1}{4}$ lb., \$1.75 per lb.

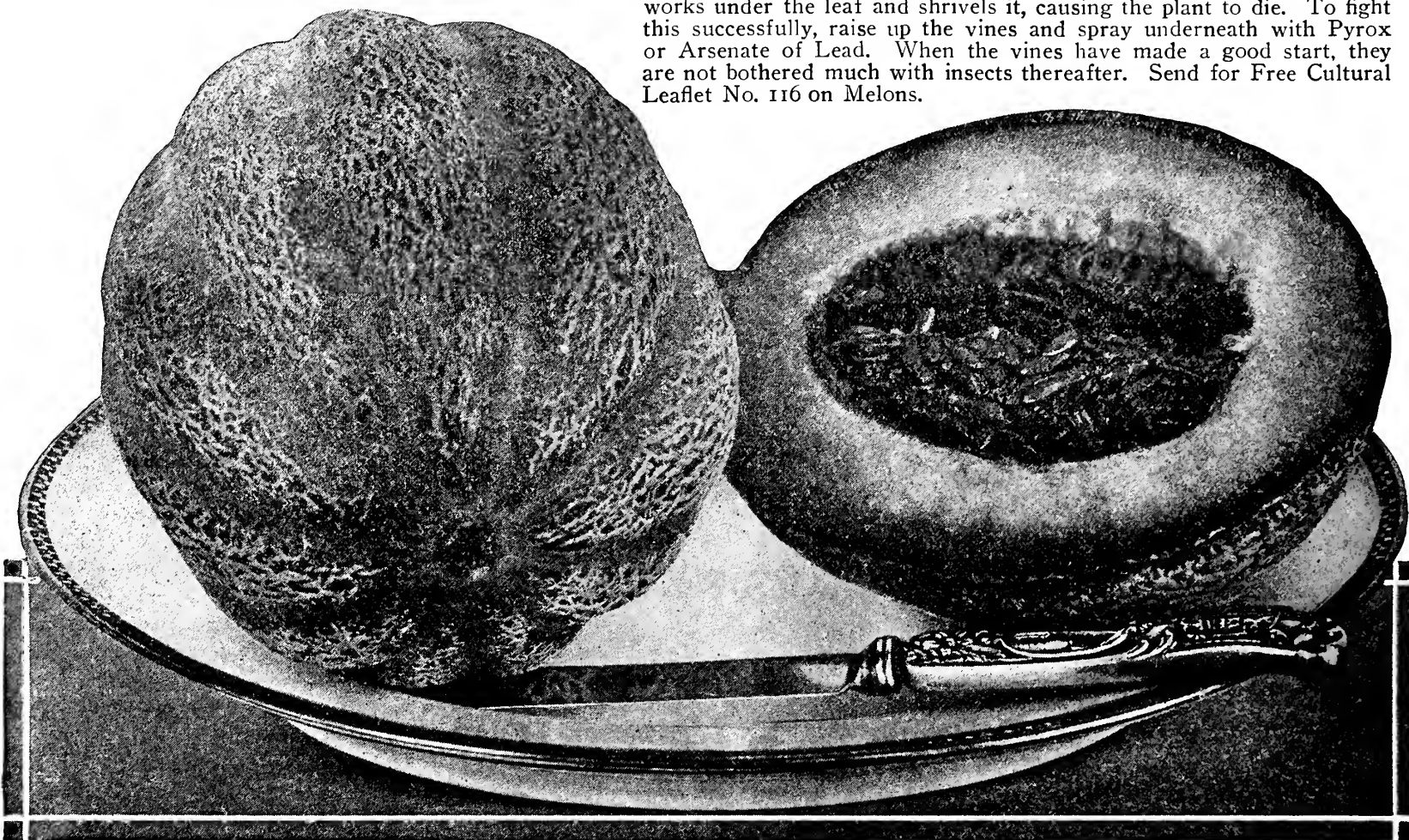
Chives. This possesses a delicate onion flavor liked by many, it adds a piquancy without being objectionable like onion. The top is cut off the plant (not too close) and chopped finely and added in small quantities to the dish of salad. It is hardy and needs to be planted once only. Clumps 10c. each, doz. \$1.00, \$7.00 per 100.

Summer Savory. An herb extensively used in Germany (where it is known as "Bohnen Kraut"), which adds a delightful flavor to a dish of lettuce. Seed 5c. pkt. (large pkt. 10c.), 15c. per oz., $\frac{1}{4}$ lb. 50c.

MUSKMELON or CANTELOUPE

One ounce will plant 75 hills;
2½ lbs. for an acre.

While these do best or reach their greatest perfection in a light sandy loam, any good well-prepared garden soil suits them. Plant when the ground has become permanently warm in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves have formed, thin out to 4 plants. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Pyrox or Arsenate of Lead. When the vines have made a good start, they are not bothered much with insects thereafter. Send for Free Cultural Leaflet No. 116 on Melons.



Michell's (Improved Strain) of Rockyfords

Michell's (Improved Strain) Rockyford. Our stock of this famous green-fleshed melon is grown at Rockyford, Col., by a pioneer melon grower who selects the finest fruits for seed purposes. The outside is a light green, well-netted, changing to a grayish color. It may be eaten within a ⅓ of an inch to the rind. It is mostly all meat, with a very small seed cavity and often weighs a pound and one-half to the fruit. Fine for market or the home garden. Pkt. 5c. (large pkt. 10c.), 15c. per oz., ¼ lb. 50c., \$1.25 per lb.

Fordhook. This is claimed to be one of the best melons ever introduced. Of flat shape like Emerald Gem on which it is really an improvement. The flesh is a beautiful salmon orange, surprisingly sweet. The fruits are very large, often weighing 2 lbs. each; as an early variety is valuable and always prolific. The netted rind is very thin and can be eaten very closely. Pkt. 10c., 20c. per oz., ¼ lb. 60c., \$2.00 per lb.

Burrel Gem. Another melon from Colorado, in size and shape like the Rockyford, except the flesh is a rich orange. Its a mouth-melter and a dandy keeper, being shipped from the West extensively to the Eastern market, arriving always in the pink of condition. It is very fleshy, with only a small seed cavity. The spicy odor is one that impresses the host or guest favorably the minute the melon is brought on the table. Pkt. 5c. (10c. per large pkt.), 15c. per oz., ¼ lb. 50c., \$1.50 per lb.

Michell's Delicious. This deservedly enjoys a good name, it is one of the very large irregular pumpkin-shaped melons with a smooth silver-gray rind. The flesh is very deep orange-salmon and represents the most of the melon, as the seed space is very small with few seeds. A melon like this is frequently enough for a family of three or four. Pkt. 15c. (2 for 25c.), 30c. per ½ oz., oz. 60c., \$2.00 per ¼ lb.

Emerald Gem. Among the standard varieties, this has long been a leader. The flesh, which is thicker than any other melon of the same shape is a rich salmon shade and ripens extremely close to the rind. It is exceedingly sweet and one of the melons when you eat once of you remember for a long while. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. per ¼ lb., lb. \$1.50.

Extra Early Hackensack. A selection of the old Turk's Cap type, ripening fully a week earlier. It is well netted, deeply ribbed, making it ideal for cutting in slices on account of its large size. The flesh is light green, very thick and ripens well to the rind. The shape is even more flat than the Emerald Gem. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

Jenny Lind. A small, flat, very early sort, heavily netted and ribbed with green flesh, an altogether good variety to plant with others, using this for the first picking. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

Golden Jenny (Netted Gem). This resembles the Fordhook variety in shape and style, except that it is not quite so good. Despite that, however, this is exceedingly prolific. Pkt. 5c., 10c. per oz., ¼ lb. 30c., \$1.00 per lb.

FORCING MELONS

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

Blenheim Orange, Invincible-Scarlet, Windsor Castle.
Each, per pkt., 25c.

Sutton's Ari. In original packets, 50c. per pkt.

MANGO MELON OR VINE ORANGE

The size, color and shape is like an orange; they are also called vegetable orange; excellent for preserving; vines produce frequently 25 to 30 fruits at one time. Pkt. 10c., 20c. per ounce, ¼ lb. 60c.

GRAND NEW WATERMELON, TOM WATSON

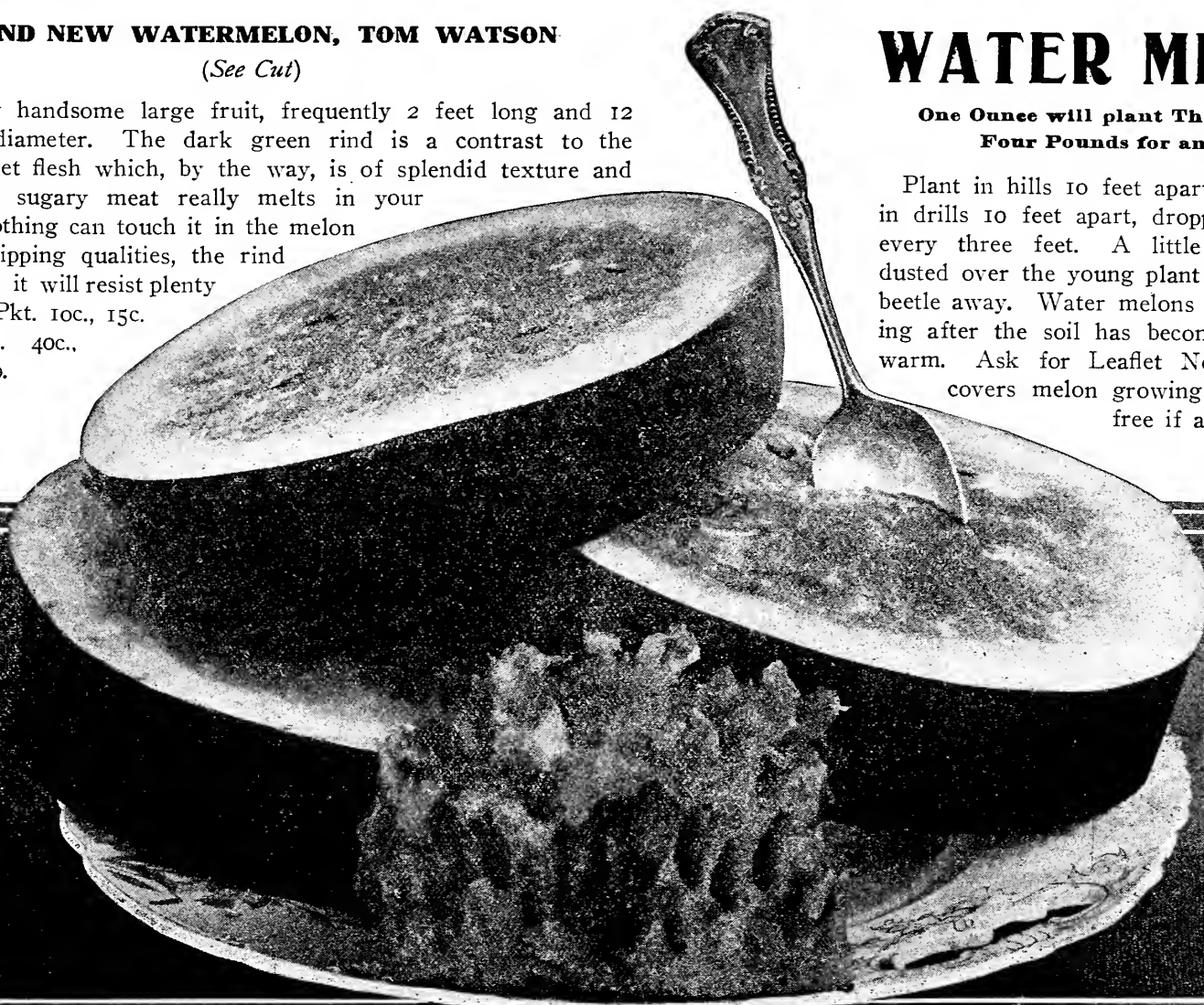
(See Cut)

A very handsome large fruit, frequently 2 feet long and 12 inches in diameter. The dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor; the sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities, the rind being tough it will resist plenty of abuse. Pkt. 10c., 15c. oz., ¼ lb. 40c., \$1.50 per lb.

WATER MELON

**One Ounce will plant Thirty Hills,
Four Pounds for an Acre**

Plant in hills 10 feet apart each way or in drills 10 feet apart, dropping one seed every three feet. A little land plaster dusted over the young plant will keep the beetle away. Water melons require planting after the soil has become thoroughly warm. Ask for Leaflet No. 116, which covers melon growing fully, mailed free if asked for.



See Description and Price of this Famous Melon above

Halbert Honey. An ideal family garden or home market melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green while the flesh is a rich crimson. It tastes like a sugar stick, as it melts under the pressure of the tongue. It is very prolific and is altogether a first-rater. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 90c. per lb.

Kleckley Sweets. A sweet one to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind sets too close to the ripe fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Our strain is grown from the originator's seed stock and we can recommend it highly. Pkt. 5c. 10c. per oz., ¼ lb. 30c., 90c. per lb.

Black Boulder. A mammoth melon with very dark green, almost black rind; it is truly a boulder in a field and well deserves its name. The skin or rind is awfully resisting, covering a delicious mass of rich, red, crisp meat; a great producer and recommended for either home use or the market. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 80c. per lb.

Dixie. The name attaches to this variety a peculiar recollection of things truly Southern, where this melon is at home. 'Tis one of the old-time favorites, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 80c. per lb.

Cuban Queen. Very similar in description to Dixie, except the melon is of mammoth size; it is very solid and good for shipping or home use. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 80c. lb.

Mountain Sweet. Early and very large, oblong shape, rind dark green; flesh red, solid and sweet, a gigantic variety from whence its name is derived. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

Sweet Heart. Handsome oval shape, very large, green and mottled, solid, meaty and sweet, another one of the melons that appeals to one's palate by its inestimable sweetness. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

Florida Favorite. Large oblong fruit with striped skin; flesh is brilliant pink, of most delicious flavor; very solid and extremely juicy. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

Dark Icing. Large in size, very sweet and luscious; the outside color is a dark green; excellent keeper. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

Light Icing. Flesh bright red, outside color very light green, round in shape, similar to Dark Icing, except the color of the rind. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

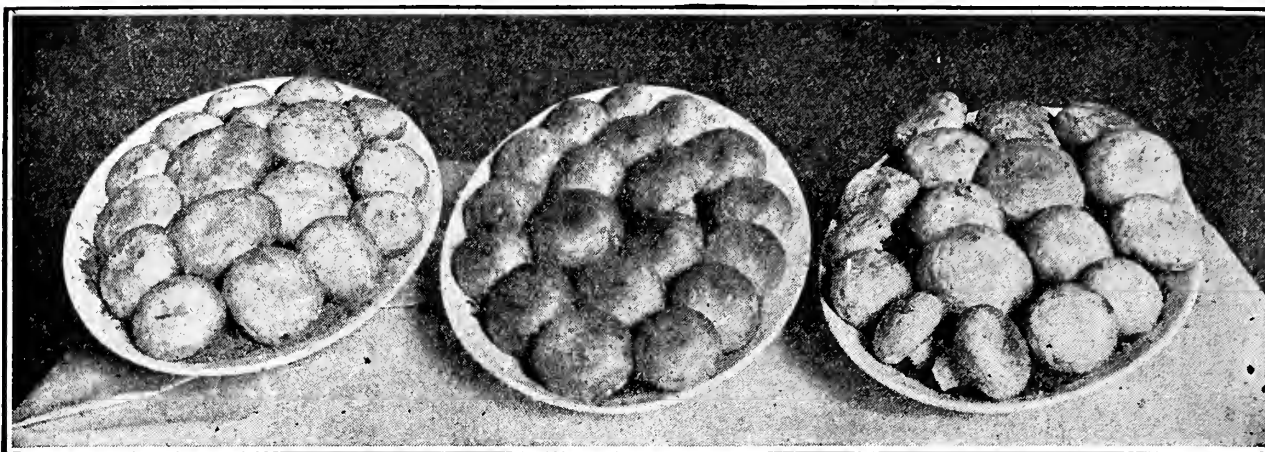
PRESERVING CITRON OR MELON

A large-fruited variety, pure white flesh and thin rind. This is expensive when bought, yet can be grown and preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon.

Red Seeded. Pkt. 5c., 10c. per oz., ¼ lb. 30c., 80c. per lb.

MANGEL WURZEL (See Cattle Beet on page 25)

Price on all Vegetable Seeds includes postage except where noted



MUSHROOM SPAWN

Mushrooms are within the reach of any one who has a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned

beds do not bear well. Ask for our Free Booklet on Mushroom Culture, which also describes, further, these different spawns.

LAMBERT'S PURE CULTURE AMERICAN SPAWN

Standard No. 8 Cream White. For use from April to October.

Standard No. 9 Pure White. For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

Per brick, about 1 3/4 lbs. .	\$0.25	10 bricks	\$2.00
" " postpaid .....	.35	25 "	4.00
5 bricks	1.10	50 "	7.00

Direct No. 8 Cream White. For use from October to April.

Direct No. 9 Pure White Type. For use from April to October.

Prices of Pure Culture Spawn. Direct Bricks.

This strain is the earliest and produces a greater quantity than the "Standard."

Per brick	\$0.30	10 bricks	\$2.30
" " postpaid .....	.40	25 "	5.60
5 bricks	1.25	50 "	10.50

NIAGARA "DIRECT" PURE CULTURE SPAWN

Per brick, about 1 3/4 lbs. .	\$0.25	10 Bricks	\$2.00
" " (postpaid) ...	.35	25 "	4.00
5 Bricks	1.10	50 "	7.00

MICHELL'S SUPERIOR ENGLISH MUSHROOM SPAWN—

15c. per brick (25c. postpaid); per doz., \$1.60; 25 lbs., \$2.50; \$8.00 per 100 lbs.

ANGLO-AMERICAN SPAWN

1 Brick	\$0.30	10 Bricks	\$2.30
1 " postpaid .....	.40	25 "	5.60
5 "	1.25	50 "	10.50



MUSHROOM OR HOT BED THERMOMETERS

Heavy Iron Point style..\$1.25 | Heavy Brass Point style..\$1.50
Thermometers should, wherever possible, be sent by express.

Books on Growing Mushrooms

Pamphlet (gratis for a postal card asking for it).....
Robinson's Book (postpaid)\$0.50
Falconer's Book (postpaid)1.00

TESTIMONIAL

Washington, D. C.

MR. HENRY F. MICHELL, Philadelphia.
Dear Sir:—Will you please send to me as soon as possible the seeds called for on the enclosed list? Mr. Hammer has delayed attending to this until it is pretty late. He tells me that of all the seeds he has had for some time, your seeds have turned out the most satisfactory.
Sincerely yours, EDWARD A. MOSELEY.
Secretary, Interstate Commerce Commission.

OKRA OR GUMBO

One Ounce will sow 20 ft. of row; one lb. about 300 ft.

The seed is sown in rows, thickly like peas (in ground that is rich, after the frost and cold has disappeared), in rows 3 feet apart, when about 6 inches high it should be thinned out to stand 6 inches apart in the row. The pod is used when young and tender sliced in soups and stews, what is not utilized during the summer may be harvested, cut in slices and dried in the sun;

after cured in this way it should be put on the pantry shelf for use during the winter, in this way one may have delicious Chicken Gumbo soup any day of the year.

Perkins' Long Pod (Improved Strain).

A wonderful dwarf type, setting pods when only a foot high. It can be planted somewhat earlier than other sorts and

consequently matures sooner. The pods are exceedingly long and tender and of a dark green color. Pkt. 5c., 10c. per oz., 1/4 lb. 25c., 70c. per lb.

Dwarf Green, Improved. A very desirable sort, immensely productive, bearing very long pods well filled. It is somewhat later than the Perkins strain and the pods are not quite so great in diameter. Pkt. 5c., 10c. per oz., 1/4 lb. 20c., 60c. per lb.

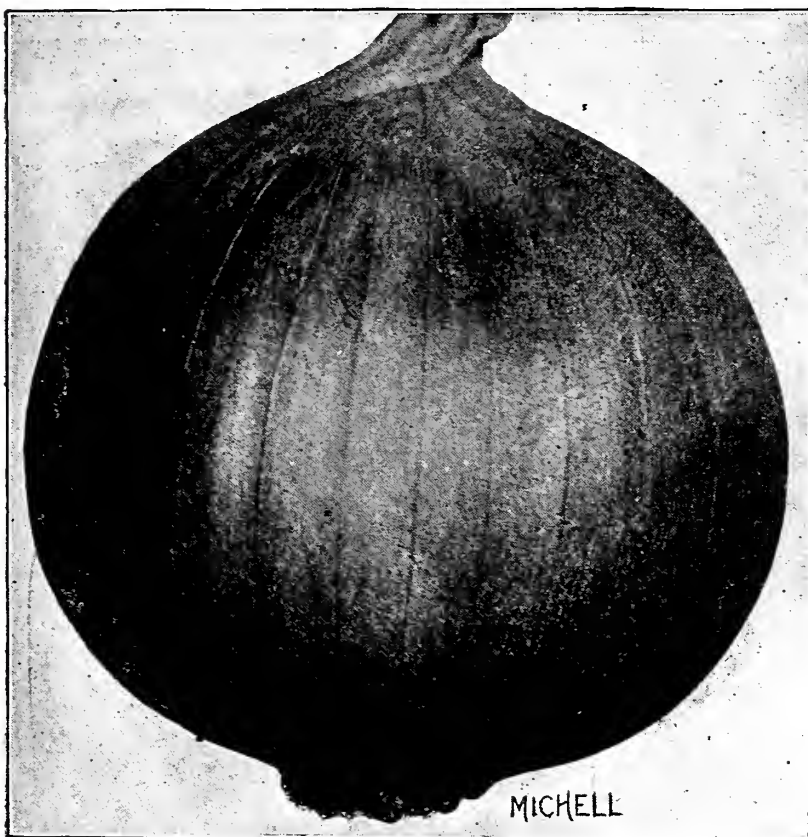
White Velvet or Creole. The pods of this variety are very free from ridges, being almost perfectly smooth; they are tender and very light green almost white in color. Pkt. 5c., 10c. per oz., 1/4 lb. 20c., 60c. per lb.

MICHELL'S CULTURAL LEAFLETS

For the special benefit of the amateur (also the experienced gardener, if he wants them) we have prepared a series of instructions how to successfully grow some of the most important vegetables; they cover, in some instances, the proper cooking method and winter storage. **THESE LEAFLETS ARE FREE** and can be asked for at any time, whether accompanied by an order or otherwise. Ask for them by number, it saves time.

- No. of Leaflet
- 101 Artichokes.
 - 102 Asparagus.
 - 103 Garden Beans.
 - 104 Beets (Table and Cattle).
 - 105 Brussels Sprouts.
 - 106 Cabbage.
 - 107 Carrot.
 - 108 Cauliflower.
 - 109 Celery.
 - 110 Sugar Corn.
 - 111 Cucumber.
 - 112 Egg Plant.
 - 113 Herbs (Kitchen Garden).
 - 114 Kohl Rabi.
 - 115 Lettuce.
 - 116 Melons.

- No. of Leaflet
- 117 Mushrooms.
 - 118 Onions.
 - 119 Peanuts.
 - 120 Parsley and Parsnips.
 - 121 Garden Peas.
 - 122 Peppers.
 - 123 Potatoes.
 - 124 Pumpkin and Squash.
 - 125 Radish.
 - 126 Spinach.
 - 127 Sweet Potatoes.
 - 128 Swiss Chard.
 - 129 Tomatoes.
 - 130 Turnip and Ruta Baga.
 - 131 French Winter Salads.

**Prizetaker Onion**

Southport White Globe. A beautiful type of an almost round onion, growing to enormous size. Pkt. 5c. and 10c., 15c. per ½ oz., oz. 30c., 80c. per ¼ lb., lb. \$3.00.

Southport Red Globe. The description of this is the same as of Southport Yellow Globe except color. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. per ¼ lb., lb. \$1.75.

White Barletta. Extra early small round variety used principally for pickling. Pkt. 5c. (10c. per large pkt.), 15c. per ½ oz., oz. 25c., 70c. per ¼ lb., lb. \$2.50.

Bermuda White. An early variety producing an immense globe-shaped bulb, producing (if when transplanted about 4 inches apart) gigantic onions the first season. Pkt. 10c., 15c. per ½ oz., 1 oz. 25c., 75c. per ¼ lb., 1 lb. \$2.75.

Bermuda Red. Similar in every way except color to the foregoing variety. Pkt. 10c., 15c. per ½ oz., 1 oz. 25c., 75c. per ¼ lb., 1 lb. \$2.75.

ONION SETS

One quart will plant
a row about 50 feet.

Used for an early crop of onions, and should be planted just as soon as the ground can be worked. Press the bulb in the ground lightly and do not cover; in rows 12 inches apart, 2 inches apart in the row; so that all the development goes in the onion; on signs of their going to seed, bend the top over, but do not break it off. They can be harvested in this locality for winter storage as early as July 10th. The advantage in planting sets lies in the fact that the young onion is ready in 5 weeks from time of planting, while those grown from seed cannot be used until well in the autumn.

Shipped on Local Orders about March 10, unless otherwise requested

If wanted by mail add 5c. per pint and 10c. per quart for postage.

	Pint	Quart	Quarts	Peck	Bush.
Yellow	\$0.10	\$0.20	\$0.70	\$1.25	\$4.25
White	.13	.25	.90	1.50	5.75
Red	.10	.20	.70	1.25	4.25
White Multiplier	.15	.25	.75	1.25	4.50
Potato Onion	.15	.25	.75	1.25	4.00
Shallots	.15	.30	1.10	2.00	6.00
Tree or Top	.10	.20	.60	1.00	3.50
Garlic Sets.	Per lb. 30c. (38c. by mail postpaid), 10 lbs. for \$2.50.				

PRICES on ONION SETS are SUBJECT TO CHANGE

ONION

For full size onions, one ounce seed will sow a 100 ft. row; 5 to 6 pounds per ac. e. If it is desired to grow onion sets, sow 25 to 30 pounds per acre.

Sow in the early spring in rows 2 feet or less apart, according to cultivation method employed. The seed should be firmed in the soil. If it is desired to grow full size onions the first year, thin out when three inches high, so that they stand about two or three inches apart. White onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping. Cultural Leaflet No. 118 gives excellent instructions in regard to onion growing. Ask for a free copy.

Ailsa Craig. The largest of all onions, often weighing three lbs. and over, each. In England it is the foremost variety and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. To obtain best results sow seed in the hotbed and later transplanted where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. 10c. per pkt., ½ oz. 20c., 35c. oz., ¼ lb. \$1.00, lb. \$3.50

Prizetaker. This mammoth yellow variety if sown thinly produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. and more. Pkt. 5c. (10c. per large pkt.), oz. 20c., 60c. per ¼ lb., \$2.00 per lb.

Danver's Yellow Globe. This almost round in shape onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to large size. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. per ¼ lb., lb. \$1.75.

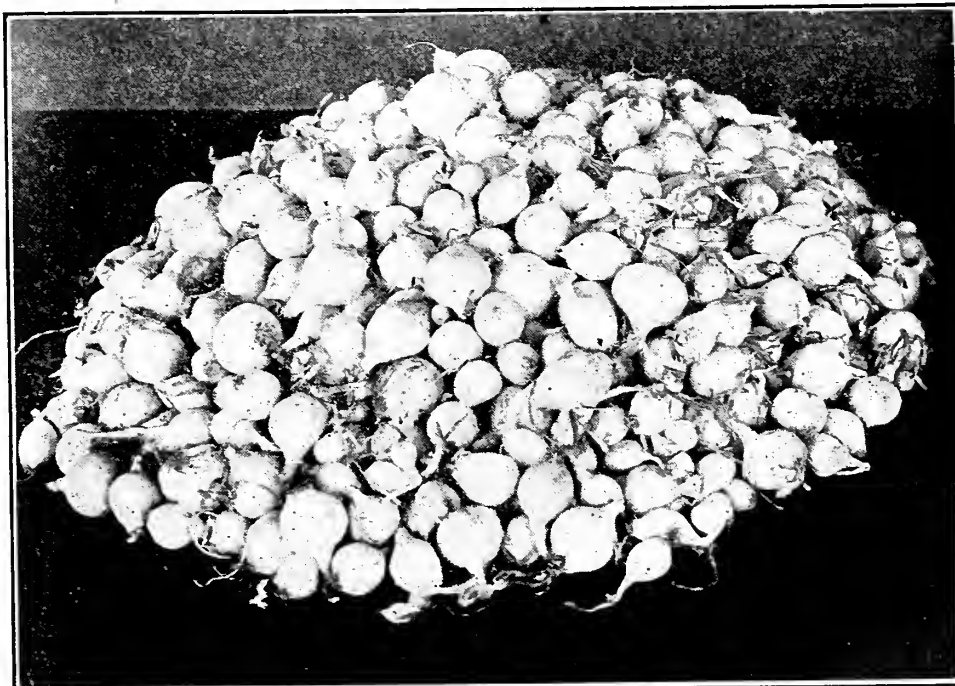
Southport Yellow Globe. Similar to the Danvers except larger in size, more like the Prizetaker. This is probably one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light straw colored skin. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. per ¼ lb., lb. \$1.60.

Yellow Strasburg (or Dutch). A dark straw color skinned sort, almost flat in shape but a large onion. Its fine keeping qualities is what recommends itself to the home as well as the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. Pkt. 5c. (10c. per large pkt.), oz. 15c., 50c. per ¼ lb. lb. \$1.60.

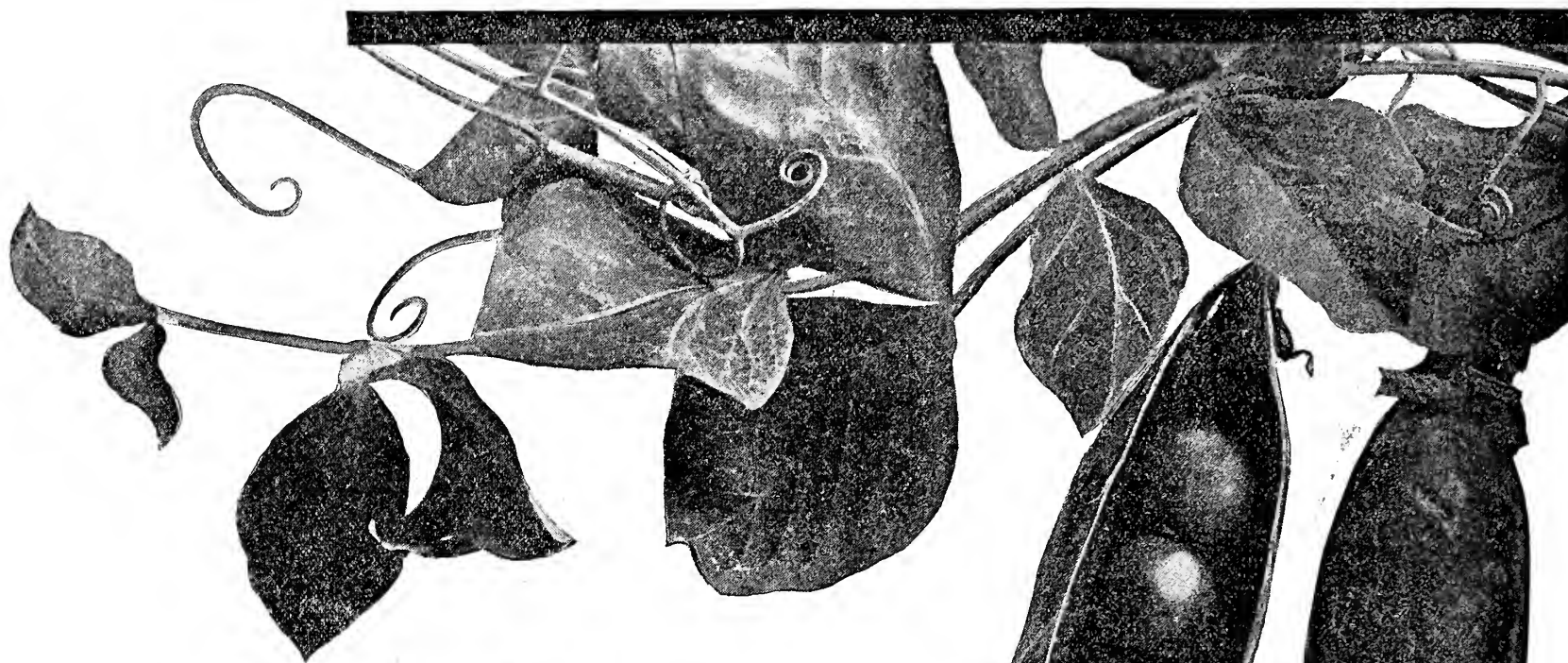
Large Red Wethersfield. A flat large growing variety. This class are excellent winter keepers, being flavored much like the yellow sorts; full size onions can be grown from the seed in one season. Pkt. 5c. (large pkt. 10c.), oz. 20c., ¼ lb. 60c., lb. \$2.00.

White or Silver Skin. The standard white onion for market or home use, it is of very mild flavor, semi-globe shaped and is very uniform in growth and size. Pkt. 5c. (10c. per large pkt.), ½ oz. 15c., 25c. per oz., ¼ lb. 70c., \$2.50 per lb.

ONION CULTURE, a good book by a Practical Grower, 20c. per copy

**Choice Home Grown Onion Sets**

See page 4 for Schedule of Prizes, Michell's Vegetable Exhibit, Autumn 1912



GARDEN PEAS

1 qt. will plant 100 ft. of row, one and a half to two bushels per acre

SPECIAL NOTE.—Due to the excessive drought and heat of the past season, the crop is shorter than we have ever known, which necessitates a slight advance in prices over those ruling generally.

If wanted by mail add 8c. per pt., 15c. per qt. for postage.

Large Pkts. of all varieties 10c. Postpaid

The smooth seeded varieties can be sown as soon as the ground is open; the wrinkled sorts when the ground has become warmer. The distance for planting apart depends somewhat on the variety. To have a continuous crop, sow weekly up to June 15th, and again August 15th. For the last planting, 60 days before frost, use the dwarf early varieties. Cultural Leaflet No. 121 covers the growing of peas thoroughly, it is free.

EXTRA EARLY VARIETIES

Alaska. Smooth seeded, very early, height 2½ feet. 25c. per pt., 50c. per qt., 4 qts. \$1.90, \$3.50 per peck.

Ameer. A very large podded early pea, following the Alaska. It is a heavy cropper. Pt. 25c., 45c. qt., 4 qts. \$1.60, \$3.00 per pk.

American Wonder. The earliest wrinkled dwarf variety, exceedingly sweet, height 10 to 12 inches. 25c. per pt., per qt. 50c., \$1.90 per 4 qts., peck \$3.50.

Bountiful. A bluish round pea of large size. The pods are very large and well filled; it is very early, a good cropper, suited to the first and last planting, grows 3 to 4 feet high. Pt. 30c., 50c. qt., 4 qts. \$1.90, \$3.50 per peck.

Dandy Extra Early. These are a selection of the Eureka, but will be found far superior; smooth seeded, very prolific and desirable for the kitchen garden, height 24 inches. Per pt. 25c., 50c. per qt., per 4 qts. \$1.90, per peck \$3.50.

Early June. A green seeded smooth pea, desirable for first planting, an improvement on Alaska, height 2½ feet. 25c. per pt., per qt. 50c., \$1.90 for 4 qts., peck \$3.50.

Early Morn. One of the earliest of wrinkled peas, earlier and better it is claimed than Gradus or Thos. Laxton. The pods are large and well filled, mature in 60 days and is very prolific. Pt. 30c., 60c. per qt., 4 qts. \$2.00, \$3.75 per peck.

Eureka. A great producer and extremely early, smooth seeded; height, 24 inches. 25c. per pt., qt. 45c., \$1.60 per 4 qts., per peck \$3.00.

McLean's Little Gem (or Premium Gem). Similar to American Wonder, but a heavier producer, wrinkled seed, height 18 inches. 25c. per pt., per qt. 50c., 4 qts. \$1.90, \$3.50 per peck.

Gradus Peas

Gradus or Prosperity. Never was there a pea offered which is so greatly demanded as this very early sort. It is exceedingly luscious, wrinkled and a producer of gigantic pods and peas, height 36 inches. 35c. per pt., qt. 65c., 4 qts. \$2.50, per pk. \$4.50.

Michell's Special Ex. Early. Of the smooth seeded sorts this is the peer. Extremely early, lusciously sweet and very tender, a grand yielder, height 24 inches. 30c. per pt., 55c. per qt., 4 qts. \$2.00, \$3.75 per peck.

Nott's Excelsior (Improved Strain). A splendid early wrinkled pea, producing heavy crops of full pods very early. One of the leading varieties for the home or market garden. Height, 15 inches. 30c. per pt., qt. 55c., 4 qts. \$2.00, \$3.75 per peck.

Nott's Excelsior (Usual Strain). Pt. 25c., 50c. per qt., per 4 qts. \$1.90, peck \$3.50.

GARDEN PEAS—Continued

Large Pkts. all Varieties 10c. Postpaid

If wanted by mail add 8c. per pt., 15c. per qt. for Postage

EXTRA EARLY VARIETIES—Continued

Saxonia. One of the earliest peas, producing pods $3\frac{1}{2}$ inches long. The vines grow about 2 feet high and are very vigorous. It is a white seeded variety with a round pod. 35c. pt., qt. 60c., \$2.25 for 4 qts., peck \$4.00.

Sutton's Excelsior. This wrinkled variety is quite hardy and can be planted very early. It is dwarf, growing about 16 inches and makes a long broad pod, well filled; it follows the extra early sorts and is a great producer. Pt. 30c., 50c. qt., 4 qts. \$1.90, \$3.50 per peck.

Thos. Laxton. On a par with Gradus in quality, heavy producer, wrinkled, exceedingly early, height 36 inches. 35c. per pt., qt. 65c., \$2.50 for 4 qts., pk. \$4.50.

SECOND EARLY VARIETIES

Alderman. A very large pod filled with luscious peas: plants grow 3 feet high and are very prolific. Per pt. 25c., 50c. per qt., 4 qts. \$1.90, pk. \$3.50.

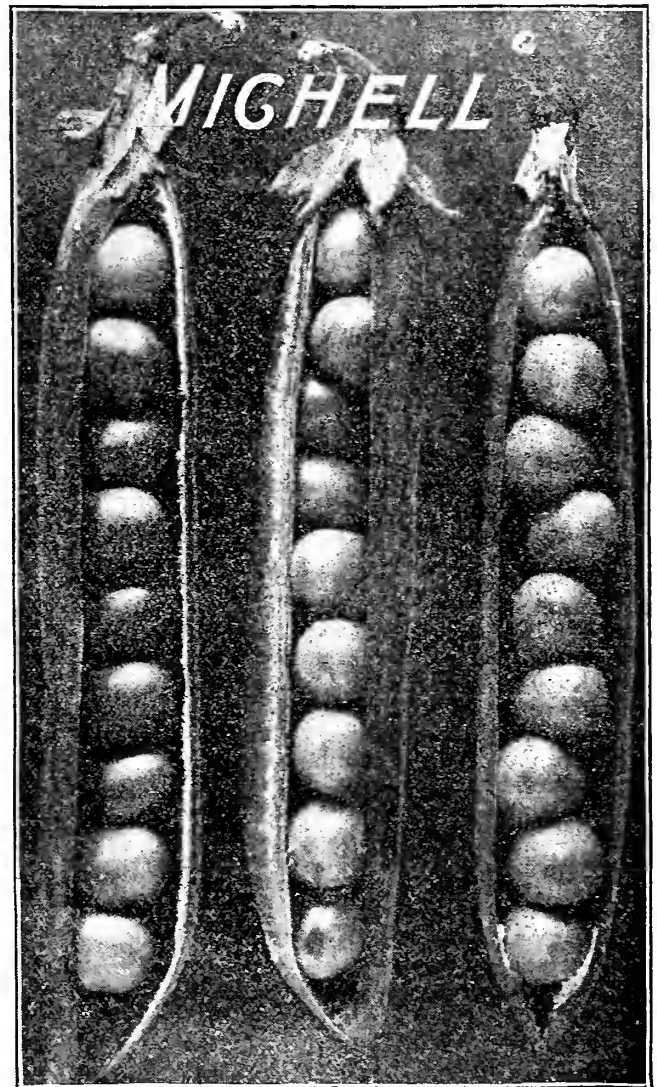
Bliss Abundance. Produces very large pods containing six and even more peas of a delicious flavor; a great yielder; wrinkled; height, 20 inches. Per pt. 20c., 40c. per qt., per 4 qts. \$1.50, \$2.75 per peck.

Daisy or Dwarf Telephone. One of the best medium early sorts, bearing heavy pods in the greatest abundance; wrinkled and very sweet; height, 18 inches. Per pt., 25c., 45c. per qt., \$1.75 for 4 qts., pk. \$3.25.

Heroine. A fine wrinkled variety, claimed to be one of the finest peas in existence; height, 2 feet, a great cropper. Per pt. 20c., 40c. per qt., 4 qts. \$1.50, peck \$2.80.

Long Island Mammoth. Largely in use among private and market gardeners; it yields handsome large peas, very tender; height, $3\frac{1}{2}$ feet. Per pt. 20c., 40c. per qt., 4 qts. \$1.50, pk. \$2.75.

Pride of the Market. An excellent dwarf variety for early summer use; pods containing as many as nine peas. Per pt. 20c., 40c. per qt., 4 qts. \$1.50, peck \$2.80.



Michell's Telephone Peas

GENERAL OR LATER CROP VARIETIES

Black Eye Marrowfat. Excellent where a large crop is desired. It is one of those mealy sorts usually cooked with smoked or salt meats; height, 4 feet. 15c. per pt., 25c. per qt., 90c. per 4 qts., peck \$1.60, \$6.40 per bu.

Champion of England. A very tall rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. Per pt. 25c., 45c. per qt., \$1.60 for 4 qts., pk. \$3.00.

Duke of York (Improved Strain). One of the finest late varieties, should be grown by all pea planters; wrinkled and very sweet; height, $2\frac{1}{2}$ feet. Per pt. 25c., 45c. per qt., \$1.60 for 4 qts., pk. \$3.00.

Dwarf Champion. Possesses most all the good qualities of the famous Champion of England, and having the further advantage of being dwarf; a very delicious pea which should be planted largely; height, 2 feet. Per pt. 20c., 40c. per qt., \$1.50 for 4 qts., pk. \$2.80.

Fillbasket. Market gardeners and those desiring a large crop should plant this pea: quality very good; height, 30 inches. Per pt. 20c., 40c. per qt., 4 qts. \$1.50, pk. \$2.80.

Stratagem (Improved). Immense pods containing an abundance of good, large tender peas; seed wrinkled; height, 20 inches. Per pt. 25c., 50c. per qt., 4 qts. \$1.90, \$3.50 per peck.

Telephone (Tall). The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, $3\frac{1}{2}$ feet. Per pt. 25c., 50c. per qt., 4 qts. \$1.90, \$3.50 per peck.

White Marrowfat. Another mealy variety used for cooking with meats; height, 3 feet. 15c. per pt., 25c. per qt., 90c. for 4 qts., pk. \$1.60, \$6.40 per bu.

Yorkshire Hero. A large-podded variety, very prolific and of delicious quality; $2\frac{1}{2}$ feet. 25c. per pt., 40c. per qt., 4 qts., \$1.50, \$2.80 per peck.

SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. The latter are cooked with the peas intact. They are very tender and exceedingly sweet.

Dwarf Sugar. Gray seed; height, 2 feet. 20c. pt., 40c. per qt., \$1.50 for 4 qts., peck \$2.75.

Melting Sugar. White seed; height, 4 feet. Crop a complete failure, we are unable to supply or procure.

PEA TRELLIS

The ideal support for garden peas, neater, more economical than brush; can be rolled up when through with and stored, taking very little space. Made of strong galvanized netting and substantial uprights; indestructible and will last for years. 10 ft. sections, 48 inches high, \$1.00 per section; 10 sections for \$8.50.

NORTHERN GROWN SEED POTATOES

Plant ten bushels per acre

Choice Seed Potatoes make up one of our specialties. We buy them in carloads and direct from the growers. We handle pure genuine stock of

MAINE GROWN SEED ONLY

which is far superior to that grown in New York and nearby points, the yield is much larger, the quality better.

TIME OF SHIPMENT.—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship them at customers risk any time during cold weather.

Our potatoes are put up in barrel sacks of 165 lbs each. Where shipment in barrels is desired please add 30c. to the price, which is only part of the cost of a barrel.

EARLY SORTS

Beats Them All (Michell's). This famous variety was sent out by us, and has given the best results wherever tried, yielding more than any other early potato; quality fine, extremely early, coming in about 1 week to 10 days earlier than Early Rose. ½ pk. 40c., 75c. per pk., bu. \$2.25, \$5.50 per bbl. sack.

Beauty of Hebron. Somewhat earlier than Early Rose, otherwise very similar, good yielder. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Bliss Triumph or Red Bliss. A very early thin-skinned variety, they are frequently offered as southern or Bermuda grown potatoes. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Bovee. Earlier than Early Rose; good form and quite a yielder; quality excellent; pink flesh; cooks white; dwarf in growth. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Burbank. A medium early white variety, has very few eyes, a large yielder, shape long. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Clark's No. 1. A rose-colored variety resembling the Early Rose in shape, it is an excellent one for early market. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Early Fortune. A long potato and a good one, on a par with Early Rose. 30c. per ½ pk., pk. 50c., \$1.40 per bu., bbl. sack \$3.75.

Early Norther. Extra early, very prolific, and very mealy, shape long. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Early Ohio. A seedling of the Early Rose, ripens about a week earlier; excellent quality. ½ pk. 30c., 50c. per pk., bu. \$1.50, \$4.00 per bbl. sack.

Early Rose (Houlton or Maine). A leading variety for earliness, quality and productiveness. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Early Standard. Extremely early, good keeper, uniform in size, producing principally large potatoes. Pure white cooker. ½ pk. 35c., 60c. per pk., bu. \$2.00, \$5.00 per bbl. sack.

Irish Cobbler. A splendid sort, almost entirely round in shape; good quality; heavy producer. ½ pk. 30c., 50c. per pk., bu. \$1.50, \$4.00 per bbl. sack.

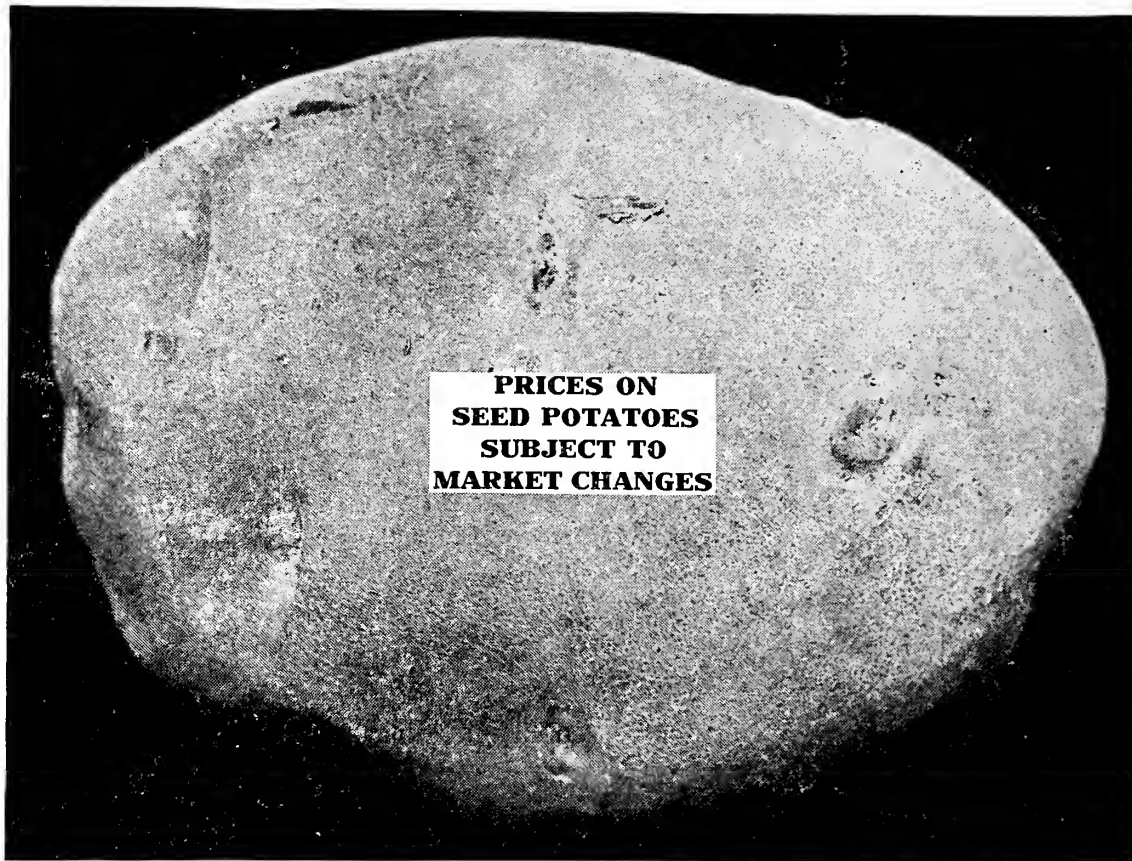
New Queen. A very early long type resembling Beauty of Hebron but earlier in maturing. 30c. per ½ pk., pk. 50c., \$1.40 per bu., bbl. sack \$3.75.

Pride of the South or White Bliss. White flesh and skin. ½ pk. 30c., 50c. per pk., bu. \$1.50, \$4.00 per bbl. sack.

LATE OR GENERAL CROP VARIETIES

Carman No. 3. A handsome yielder; produces potatoes of the most excellent quality. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Empire State. Tremendously productive; shape long; very large. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.



State of Maine Seed Potato

LATE OR GENERAL CROP VARIETIES (Continued)

Green Mountain. An excellent general crop variety. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Mammoth Pearl. The largest potato grown, never rots, very mealy. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Rural New Yorker No. 2. A very smooth-skinned sort, valuable as a cropper, for which it cannot be equalled. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

Sir Walter Raleigh. A white-skinned main crop potato, resembling Rural New Yorker. One of the best of the late sorts. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

State of Maine. An old favorite, grown by every gardener; good keeper. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

White Star. As a kitchen garden variety, or sort for commercial use, there are few as good; excellent for baking; long in shape. ½ pk. 30c., 50c. per pk., bu. \$1.40, \$3.75 per bbl. sack.

We can also supply all other varieties of Seed Potatoes.

POTATO SEED

From very promising types; a chance to get a good new sort. Pkt. 15c., 25c. for 2 pkts., 5 pkts. 50c.

POTATO SCAB DESTROYER

A pint of solution which dilutes in water is sufficient for treating 20 bu. of potatoes. The potatoes should be laid therein for 2 hours before cutting. Pt. 50c.

PLANTS OF SWEET POTATOES (Ready in May)

Yellow Bush (Vineless). 60c. per 100, 250 for \$1.25, 1000 \$4.00.
Yellow and Red Nansemond. 40c. per 100, 1000 \$2.50 (5000 lots \$10.00).

SEED SWEET POTATOES

(By express only)

Yellow Nansemond. Qt. 20c., ½ peck 60c., peck \$1.10, ¾ bu. basket \$1.75.

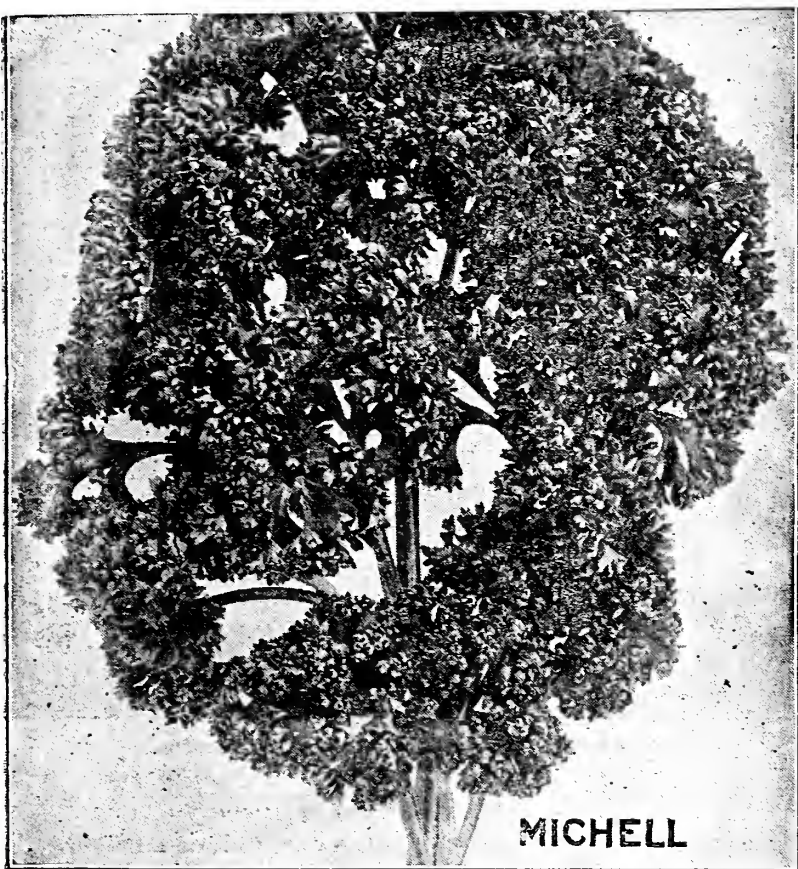
Red Nansemond. Qt. 20c., ½ peck 60c., peck \$1.10, ¾ bu. basket \$1.75.

CONCAVE POTATO KNIVES

For cutting out the eyes of seed potatoes prior to planting.

Made of best steel with concave blade. 25c.; 3 for 70c., postpaid.





Double Curled Covent Garden Parsley

PARSLEY PLANTS (Ready in April)

Large specimens, pot-grown, ready for use. 50c. per doz., per 100 \$4.00. These plants cannot be mailed satisfactorily.



Chinese Giant Pepper

PEPPER PLANTS (Ready in May)

Pot Grown Plants. 50c. per doz., per 100 \$4.00.

Hotbed Grown. 20c. per doz., per 100 \$1.25.

PARSLEY One ounce will sow a row 100 ft. long

After soaking the seed for a few hours in warm water, it may be sown in rows 18 inches apart and when 2 inches high thin out to stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is a necessary requisite. Cultural directions are fully covered in Leaflet No. 120, ask for a copy.

Champion Moss Curled. Beautifully crimped and curled. It can be cut the year round. Pkt. 5c., oz. 10c., ¼ lb. 25c., 85c. per lb.

Double Curled or Covent Garden. A great improvement over all other varieties; a nicely curled leaf which has a tendency to retain its deep green color the entire season. Pkt. 5c. (10c. per large pkt.), 15c. per oz., ¼ lb. 50c., \$1.50 per lb.

Dwarf Perfection. An excellent, very curly, compact sort, ideal for edging the border of the vegetable garden. Pkt. 10c. ½ oz. 15c., 25c. per oz., ¼ lb. 75c., \$2.75 per lb.

Extra Curled Perpetual. Leaves tender, crimped and very curly; excellent for garnishing. Pkt. 5c., oz. 10c., ¼ lb. 25c., 85c. per lb.

Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. Pkt. 5c. (10c. per large pkt.), oz. 15c., ¼ lb. 50c., \$1.75 per lb.

PEPPER One ounce of seed produces 1200 plants

Sow the seed in a hotbed or window box about March 1st, transplant to the open when all danger from frost is over. Set plants in rows 3 feet apart, 15 inches in the row. For complete cultural directions send for Leaflet No. 122, mailed free or included with orders.

New Apple Pepper. A variety of novel appearance, having the form of an apple standing upright on the plant; first green it afterwards turns a brilliant red, very mild in flavor. For prolificness nothing can surpass it, beginning very early it continues to bear until killed by frost; about 3 inches in diameter. Choice seed grown at our Evergreen Seed Gardens (limited supply). 10c. pkt., 3 pkts. 25c.

Chinese Giant. This is a real monster pepper, perfectly sweet, the fruit is green turning to bright scarlet, matures very late, a very shy seeder. Fine for stuffed mangoes. Pkt. 10c., 30c. ½ oz., oz. 50c., \$1.50 per ¼ lb.

Sweet Bell or Bull Nose. The standard pepper for either market or home consumption. Very thick flesh, perfectly mild, and a great producer. The large fruits are green, but later turn a vivid scarlet; fine for slicing on tomatoes or stuffed as mangoes. Pkt. 5c. (10c. per large pkt.), ½ oz. 15c., oz. 25c., 80c. per ¼ lb.

Neapolitan. This variety is an excellent one, grows a long shape and somewhat narrow; it stands upright on the bushes. The fruit is sweet and bright red; a very early sort. Pkt. 10c., ½ oz. 20c., oz. 35c., \$1.00 per ¼ lb.

Large Sweet Spanish. A variety rivaling with Chinese Giant, is, however, not as large. Color and shape very similar, also late in maturing; for mangoes or pepper hash this is an ideal sort. Pkt. 5c. (10c. per large pkt.), ½ oz. 15c., oz. 25c., 80c. per ¼ lb.

Hot Bull Nose. This variety is identical with the Sweet sort bearing the same name, except it is used where a stronger flavor is wanted and cannot be served as a mango. Pkt. 5c. (10c. per large pkt.), ½ oz. 15c., 25c. per oz., ¼ lb. 75c.

MISCELLANEOUS PEPPERS

Cayenne. A long red variety, very hot and used principally for bunching with pot herbs. Pkt. 5c. (10c. per large pkt.), ½ oz. 15c., oz. 25c., 80c. ¼ lb.

Celestial. A Chinese variety bearing roundish upright pods of various colors on one bush, this makes a decorative plant for the garden. Pkt. 5c., ½ oz. 15c., oz. 25c., 80c. per ¼ lb.

Coral Gem. This variety grows in the form of a bouquet; pods, bright red. Pkt. 10c., ½ oz. 20c., oz. 35c., \$1.25 per ¼ lb.

Golden Dawn. A large yellow variety, shaped like the Chinese Giant, very sweet. Pkt. 5c., ½ oz. 15c., oz. 25c., 80c. per ¼ lb.

Red Cherry. A small upright growing sort; very hot in flavor. Pkt. 5c., ½ oz. 15c., oz. 25c., 85c. per ¼ lb.

Ruby King. A large red variety resembling Bull Nose. Pkt. 5c., ½ oz. 15c., oz. 30c., 90c. per ¼ lb.

Small Chili. Used principally for seasoning and making sauce; the small very narrow red pods are very hot; in a dried state they are an excellent tonic for the parrot. Pkt. 5c., ½ oz. 15c., oz. 25c., 85c. per ¼ lb.

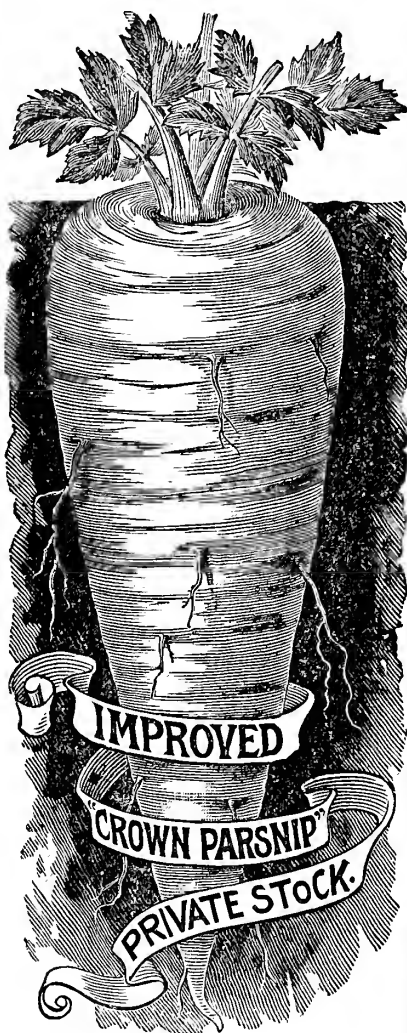
PARSNIP

One ounce will sow a row 150 feet long; 5 lbs. per acre.

Sow early in the spring in drills about 24 inches apart, covering the seed slightly, when the plants are 2 or 3 inches high, then thin out so the roots will develop; cultivate well during the growing season. The roots are especially good when slightly frosted; they may be left in the ground all winter or taken up and stored in the cellar. There are several ways of preparing them for the table, the best one probably being browning or roasting them in the oven with a choice roast of meat; cooked in this manner they excel the finest sweet potato. Send for Cultural Leaflet No. 120 on growing and storing parsnips.

Improved Sugar or Hollow Crown. A very thick broad-topped root, which makes it easily lifted. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white, it yields enormous crops growing to a large size. Pkt. 5c., 10c. per oz., 1/4 lb. 20c., 60c. lb.

Gurnsey or Student. Slightly shorter than the Hollow Crown variety with a somewhat broader top or shoulder; it can also be sown a trifle later if necessary. Pkt. 5c., 10c. per oz., 1/4 lb. 20c., 60c. lb.



PEANUTS

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake, most any well drained garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen. A few important points are necessary in growing them and these are elaborated on in special Culture Leaflet No. 119, which may be had free for the asking.

Selected Virginia, 15c. pint (by mail 20c.), 25c. qt. (by mail 35c.), 50c. for 4 qts., peck 75c.

POT MARIGOLD HERB (Annual)

Used extensively for medicinal purposes of various kinds. See Cultural Leaflet No. 113 covering herbs. Pkt. 5c., 10c. per 1/2 oz., oz. 15c.

ILOILO (PANAY), PHILLIPINE ISLANDS.

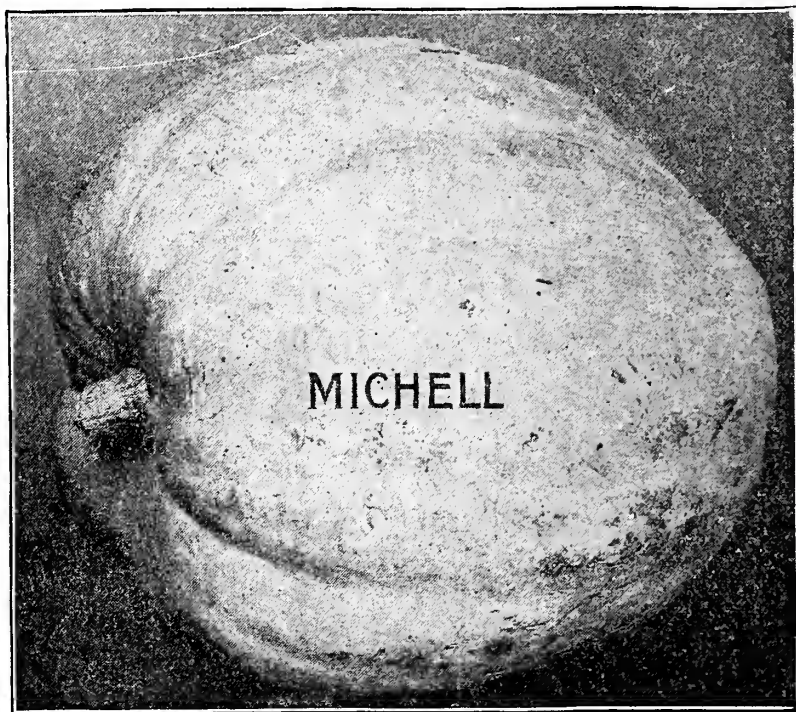
Send me at once the enclosed order. Your seeds beat anything I've ever had in that line.

CAPT. JESSE M. BAKER,
Quarter-Master, U. S. A.

SANTA LUCIA, HONDURAS,
CENTRAL AMERICA.

Please send me this order at once, despite being over 5,000 feet above sea level here, your seeds have always been satisfactory.

H. A. OWEN.



Pumpkin—Large Tours or Mammoth

PUMPKIN

One ounce will plant 25 hills; 4 to 6 lbs. for an acre.

Plant any time after the ground has become permanently warm, about four seeds to the hill; the latter to be about 8 feet apart each way. To obtain strong vines they may be pinched back somewhat, and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last working. Cultural Leaflet No. 124 covers pumpkin growing, and is free.

Large Tours or Mammoth. The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange color, free from stringiness and ideal for pie-making or cooking. Pkt. 5c. (10c. per large pkt.), oz. 15c., 30c. per 1/4 lb., lb. \$1.00.

Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit with a very light buff yellow skin, for pies it is delicious, while for cooking for table use it is dry and tasty, resembling the flavor of mashed sweet potatoes. Pkt. 5c., 10c. oz., 1/4 lb. 25c., 85c. per lb.

Large Cheese. A very large, flat, ribbed fruit, of a beautiful buff yellow color; the interior is of fine quality. An enormous producer, ideal for market or home gardens and canning purposes. Pkt. 5c., 10c. per oz., 1/4 lb. 25c., 85c. lb.

Japanese Pie. A crook-necked variety, deep green striped darker, which turns to a rich golden yellow. The fruit sets and matures early. The name given to it is derived from the seed which are curiously marked like Chinese letters of the alphabet. Pkt. 5c., 10c. per oz., 1/4 lb. 30c., \$1.00 lb.

Winter Luxury. Known as the New England pie pumpkin. No Thanksgiving dinner there is complete without the palatable pumpkin pie, made from this variety. This is also used for making Jack-O-Lanterns, for which purpose it is well suited on account of its very round and symmetrical shape. The skin is a russet yellow, while the flesh golden orange when ripe. Pkt. 5c. (10c. per large pkt.), oz. 15c., 30c. per 1/4 lb., lb. \$1.00.

Cashaw or Golden Crook Neck. A very meaty sort; suitable for pie or stock feeding purposes; flesh golden yellow and very tender. Pkt. 5c., 10c. per oz., 1/4 lb. 30c., \$1.00 per lb.

Connecticut or Common Field. Shape almost round; fruits produced in great abundance; flesh coarse and suitable only for stock feeding; color light yellow. 5c. per oz., 1/4 lb. 15c., 40c. per lb., 5 lbs. \$1.25.

Rettig (Ger.)

RADISH

Radis (Fr.)

One ounce of seed will sow a row about 75 feet long;
8 to 10 pounds are required for an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. There are many varieties now from which a selection can be made for sowing at almost any season of the year, with proper facilities. The winter radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in cool cellars and covered with sand.

EARLY SORTS

Brightest Scarlet, Half Long. Entirely distinct, being a vivid scarlet color, tipped with white. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.

Cardinal or Scarlet Globe. The very best forcing variety, is of globular shape and brilliant cardinal red color. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

Cardinal Globe (Improved Strain). This popular radish will be welcomed readily in an improved form, the color and shape are perfect. Pkt. 5c., 15c. per oz., $\frac{1}{4}$ lb. 40c., \$1.25 per lb.

Crimson Giant. Turnip shaped; very large and tender. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

Early French Breakfast. Oblong shape, rapid grower, very mild and tender, of a beautiful scarlet color, tipped with white. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., 85c. per lb.

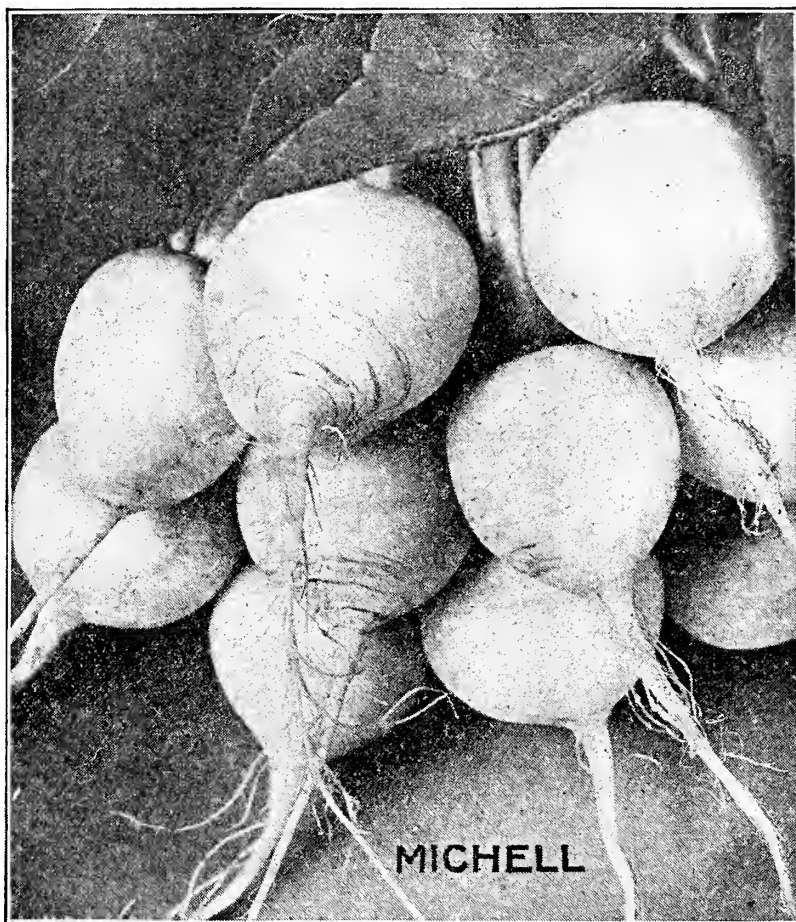
Fireball. Turnip shaped; brilliant scarlet color, crisp, tender, of mild flavor; useful only as a forcing variety or for early spring use. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., 85c. per lb.

Iceberg. A magnificent white variety of fine taste, grows $3\frac{1}{2}$ to 4 in. long in 22 days. Also suitable for summer. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., 85c. per lb.

Iceberg (Improved Strain). A selection of seed made from perfect roots, thus ensuring utmost uniformity. Pkt. 5c., 15c. oz., $\frac{1}{4}$ lb. 40c., \$1.25 per lb.

Long Scarlet Short Top or Salmon. The standard variety; long bright scarlet with small top. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 80c. per lb.

Round Red Forcing or Button. Very quick in maturing. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., 85c. per lb.



Felton's Stock White Box Radish

EARLY SORTS—Continued

Round White Forcing or Turnip. An excellent small solid variety. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., 85c. per lb.

White Box, Felton's. (Private stock.) A selection of the old reliable White Box radish, more perfect form, producing shorter tops, and does not have a tendency to grow long in shape. Pkt. 5c., 15c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

White Box, Philadelphia Grown. Perfectly round, smooth skin, pure white. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 75c. per lb.

SUMMER SORTS

Beckert's Chartier (Long). Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp, tender, and of mild and pleasant flavor. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., 75c. per lb.

Golden Olive Shaped Yellow. An improvement on the old Yellow Globe sort. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 20c., 65c. per lb.

Large White Summer Turnip. Large, turnip-shaped, white, crisp and mild. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.

Long White Lady Finger. A fine white, crisp and mild variety. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 75c. per lb.

White Strasburg. Oblong of a pure white color, and mild flavor. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 20c., 70c. per lb.

WINTER VARIETIES

California White Winter. Grows 8 to 10 inches long. One of the best for winter. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 75c. per lb.

Celestial or White Chinese. Large size. Pure white, excellent keeper. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

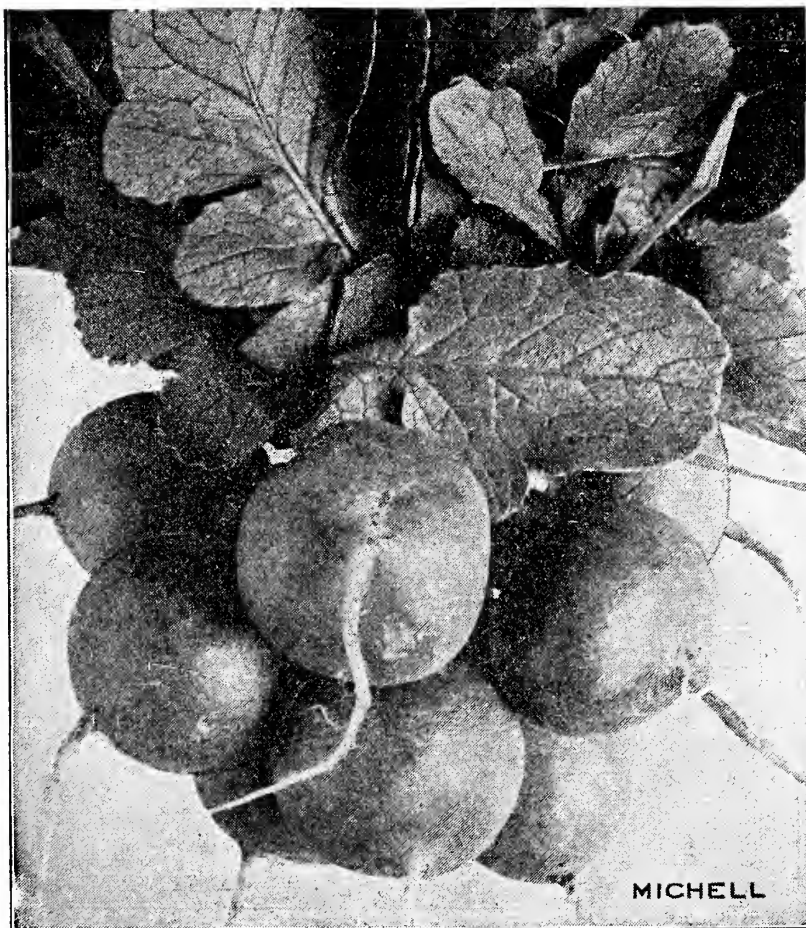
Half Long Black. A great improvement on the old Long Spanish Radish. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 30c., \$1.00 per lb.

Long Black Spanish. A favorite among winter sorts. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 75c. per lb.

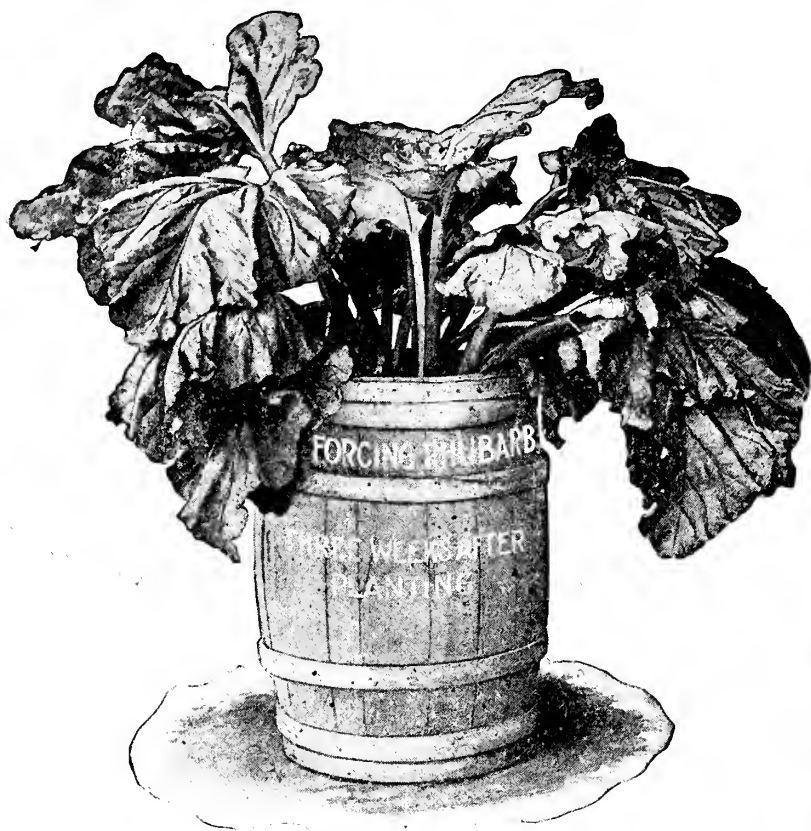
Round Black Spanish. Like the above, except in form. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 75c. per lb.

Round Scarlet China. Largely used, very crisp, never pithy. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 70c. per lb.

Scarlet China. ($\frac{1}{2}$ long.) Like the above, except in form, fine keeper. Pkt. 5c., 10c. per oz., $\frac{1}{4}$ lb. 25c., 75c. per lb.



Michell's Private Stock Cardinal Globe Radish



The method of placing a barrel without a bottom over a Rhubarb clump has a tendency to draw up the length of the stalks, thus increasing the yield.

RHUBARB

This can be grown from seed as well as roots. Seed should be sown outdoors in April in rows 3 ft. apart, the following spring they should be transplanted into permanent beds, the roots placed 3 feet apart each way; the year following that, or two years after sowing the seed, it may be used. Roots may be planted in October or in the spring up to May 15th.

Victoria. Immense long stalks of a cherry red color, which cook splendidly, have no strings or coarse matter, this makes it a most popular variety. Pkt. 5c. (10c. per large pkt.), oz. 15c., 40c. per 1/4 lb., lb. \$1.25.

VICTORIA RHUBARB ROOTS

(Ready from October to May 15th.)

Large Clumps, 10c. each (by mail 15c.), \$1.00 per doz., per 100 \$6.00.

Extra Large Clumps for Forcing, 20c. each (not mailable), \$2.00 per doz., 25 for \$3.75, \$13.50 per 100.

ROSEMARY HERB (Perennial)

This makes an attractive border plant, also used extensively for various medicinal purposes. 5c. per pkt., per 1/2 oz. 15c., 30c. per oz.

RUTA-BAGA (See also Turnips)

Private Stock. Purple top; yellow. Pkt. 5c., per oz. 15c., 30c. per 1/4 lb., per lb. \$1.00.

Improved. Purple top; yellow. Pkt. 5c., 10c. per oz., per 1/4 lb. 20c., 50c. per lb.

SAFFRON HERB (Annual)

Used principally in making medicines and for coloring matter. 5c. per pkt., per oz. 10c.

SAGE HERB (Perennial)

Mammoth leaved variety, used in gravies, stews and also for medicinal purposes. 5c. per pkt., per 1/2 oz. 10c., 15c. per oz.

SAGE PLANTS

Holt's Mammoth. Large roots. 10c. each, per doz. \$1.00, \$6.00 per 100.

SHALLOTS (See also Onions, page 41)

A variety of French onion for flavoring. 15c. pt., qt. 30c., 4 qts. \$1.10, \$2.00 per peck.

HICKOX, GA.

Seeds arrived O. K. Thanks for your courteous handling of my order. A prospective customer I had in mind for you; bought elsewhere, his seeds arrived at the time yours did, so we are off in a race for supremacy. Michell's seeds are already, at the start, far in the lead.

H. J. McGEE.

SALSIFY (OYSTER PLANT)

One ounce of seed will sow about 50 feet of drill. 10 lbs. per acre.

Sow in early spring, in drills fifteen inches apart and one to two inches deep, when about 4 inches high, thin to three inches apart. Soil should be very deep and mellow, in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring. This is one of the finest vegetables stewed and served with a cream dressing, while if sliced or made into cakes and fried like parsnip, they taste like a delicious oyster.

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary white; pure white, very tender and delicious. Pkt. 5c., oz. 15c., 1/4 lb. 50c., lb. \$1.50.

Long White. The favorite market variety, somewhat thinner than the Sandwich variety. Pkt. 5c., oz. 10c., 1/4 lb. 35c., lb. \$1.25.



-Mammoth Sandwich Island Salsify (See prices above)

All prices on seeds include postage, unless otherwise noted

SQUASH

One ounce will sow
20 to 50 hills 3 to 4 lbs.
for an acre

This vegetable is a popular one for summer and winter use, it being susceptible to cold it should not be planted until the ground is thoroughly warm. There are two varieties, the bush sort being planted in hills 4 to 5 feet apart each way; the running varieties require planting 8 to 15 feet apart in order that it may develop properly. Place 8 to 10 seeds in a hill, and when the third stage of leaves are set, thin out to about 4 plants in a hill. Some varieties, as will be noted below, are ideal for pie-making, more delicious than some of the pumpkins. Cultural Leaflet No. 124 covers squash growing fully. It is free.



Delicious Squash

SUMMER VARIETIES

Golden Custard. A flat scalloped type, like the White Bush; the skin is of a light yellow color, which is very thin, leaving plenty of meat in the centre; a bush or compact growing kind. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 85c. lb.

Mammoth White Bush. Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 85c. lb.

Yellow Summer Crook Neck. Shaped like a club with a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by the cook on account of its very dry meat when boiled. This is a variety with a running vine. Pkt. 5c., 10c. per oz., ¼ lb. 25c., 80c. lb.

FALL AND WINTER VARIETIES (Running Sorts)

Delicious. Well named as it has the finest flavor of any squash, of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter. Pkt. 5c., (10c. per large pkt.), oz. 15c., 35c. per ¼ lb., lb. \$1.00.

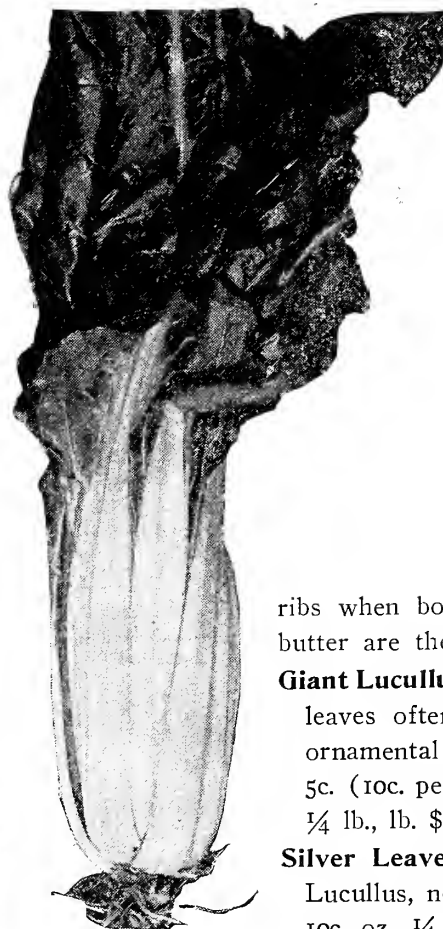
Golden Hubbard. Used extensively for pie, but served as a vegetable; it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. Pkt. 5c. (10c. per large pkt.), oz. 15c., 35c. per ¼ lb., lb. \$1.00.

Boston Marrow. Shaped similar to Hubbard, golden orange; fine for canning for winter use; cooked as a vegetable or in pie. Pkt. 5c., oz. 10c., 30c. ¼ lb., lb. 90c.

Vegetable Marrow. A long greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. Pkt. 5c., 10c. per oz., per ¼ lb. 35c., \$1.00 per lb.

SWISS CHARD (Spinach Bert)

A wonderful vegetable which is known but too little. From every possible standpoint it has qualities that recommend its use



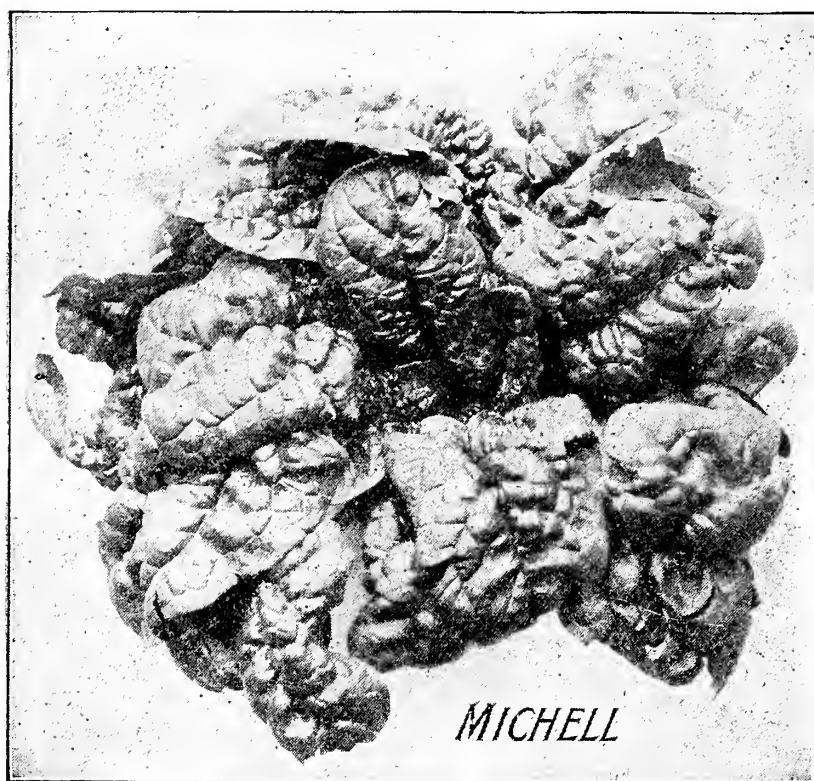
Giant Lucullus Swiss Chard

in every household. Readily grown from seed, when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant does not produce a beet root, but its valuable part is all above the ground; large leaves with broad ribs grow from the centre; the outer leaves only should be carefully pulled from the plant; the foliage part separated from the rib. The former when cooked is served like spinach, which it resembles in taste; the

ribs when boiled and served with melted butter are the equal of finest asparagus.

Giant Lucullus. Very tall growing; crinkly leaves often two feet long; a beautiful ornamental plant for any garden. Pkt. 5c. (10c. per large pkt.), oz. 15c., 35c. per ¼ lb., lb. \$1.00.

Silver Leaved. Not quite as tall as the Lucullus, nor so well crinkled. Pkt. 5c., 10c. oz., ¼ lb. 20c., 60c. lb.



Michell's Improved Strain Bloomsdale Spinach

SPINACH

One ounce to 75 feet of row;
12 pounds per acre.

Sow seed in the early spring in rows 1 foot apart, to avoid thinning pick the largest plants first, sow every 4 weeks up to June 1st, then sow again the latter part of August, protecting the autumn sowing with leaves or straw, as the cold weather sets in. See Cultural Leaflet No. 126 for instructions on spinach growing. Its free, ask for it.

Bloomsdale Round-Seeded Savoy (*Improved Strain.*) The hardiest Savoy leaved variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing. Pkt. 5c., 10c. oz., 20c. per ¼ lb., per lb. 50c., \$2.00 for 5 lbs., 10 lbs. \$3.00.

Bloomsdale (*Usual Strain.*) 5c. per oz., ¼ lb. 15c., 40c. per lb., 5 lbs. \$1.75.

Long Season. A cross between the old reliable Bloomsdale and the Victoria. It produces tremendously large plants and leaves which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled, and are tender. Color, a beautiful dark green. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 50c. per lb., 5 lbs. for \$2.25.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright, one sowing can be picked from the entire summer, a very distinct variety. Pkt. 5c., 10c. per oz., per ¼ lb. 30c., \$1.00 per lb.

Victoria Long Standing. This thick variety is distinguished by the exceedingly dark green color, and also for its long-standing qualities and crinkled foliage, especially valuable for summer use, resisting the heat to a remarkable degree. Oz. 5c., 15c. per ¼ lb., per lb. 40c., \$1.75 for 5 lbs., 10 lbs. \$3.00.

SUMMER SAVORY HERB (Annual)

A popular kitchen herb used in flavoring, etc. Pkt. 5c., 10c. per ½ oz., per oz. 15c.

SORREL (French Broad Leaved)

Desirable greens for salad; resembles sour grass in flavor. Pkt. 5c., 10c. per ½ oz., per oz. 15c., 30c. per ¼ lb., per lb. \$1.00.

SWEET BASIL HERB (Annual)

A valuable herb for flavoring various dishes. Pkt. 5c., 10c. per ½ oz., per oz. 15c.

SWEET MARJORAM HERB (Annual)

Imported Strain. Used in the kitchen for flavoring. Pkt. 5c., 10c. per ½ oz., per oz. 15c.

American Strain. This variety is a much larger type and an improvement on the above. Pkt. 10c., 15c. per ½ oz., per oz. 30c.



NEW EXTRA EARLY TOMATO,

Michell's "Crackerjack"

What one of the many gardeners who planted MICHELL'S
"CRACKERJACK" TOMATO in 1911 thinks of it:

Your Crackerjack Tomato proved to be a wonder in my garden. It was the first ripe, and the last in the season, always bearing fine specimens of uniform fruit. The size is ideal for table use and I think the name you've given it suits it well.

JOHN LITTLE,

Gardener to Mrs. J. Lowber Welsh,
Chestnut Hill, Phila.

The "distinctive" qualities of "Crackerjack" are so numerous that space will not permit us to describe all. Here are some:

1. **The earliest Tomato** to ripen in Pennsylvania. Fully two weeks earlier than any other sort tried in our gardens.
2. **A continuous bearer**, producing fruits right up till frost time.
3. **The most abundant producer** of any tomato we know.
4. **An absolutely smooth fruit**, colored equally alike in all parts.
5. **Never cracks**, except when overripe and left on vine.
6. **All fruit is of even size**, and every fruit can be used.
7. **Grows in clusters** from 5 to 10 perfect tomatoes.
8. **Fruit is of medium size** and of a brilliant rich scarlet.
9. **Fruit when cut** discloses solid meat and little space for seed.
10. **Its Flavor is very agreeable** and it cannot help to become an immediate favorite with everybody.
11. **The firm flesh** makes it an ideal shipper.
12. **Altogether a "Crackerjack"** for either the home garden or the truck farm.

We highly recommend this variety for forcing under glass. Per packet 20c., 50c. for 3 packets, ½ oz. 60c., \$1.00 per oz., 4 ozs. \$3.50.

Extra strong pot-grown "Crackerjack" Tomato plants
(Ready in May.)

Each 10c., 75c. per doz., 100 \$5.50.

Read our \$10.00 Prize Offer for "Crackerjack" Tomato on page 4 and the names of the winners for 1911.

WIRE TOMATO TRELLIS, 20c. each, dozen \$2.00, \$14 00 per 100.

TOMATO (One ounce will produce 3500 plants; 1/4 lb. will provide enough for an acre)

Sow in the house or hotbed about March 1st, transplant when 3 inches high, and again later to produce vigorous specimens. Set plants outdoors about May 1st in rows 3 feet apart, 18 inches in the row or in hills 4 feet apart each way. Properly grown tomato plants should be supported. Cultural Leaflet No. 129 covers tomato growing fully, ask for a free copy.



Michell's Very First Tomato, showing its wonderful solidity

EARLY VARIETIES

Michell's Crackerjack. See opposite page.

Michell's Very First. Frequently the tomatoes will weigh fourteen to sixteen ounces each. It is a heavy producer of handsome fruits which are all well shaped and of a bright red color, in our trials we have found it to be the very first to ripen. Pkt. 20c., 50c. for 3 pkts., per oz. 60c., \$2.00 per 1/4 lb.

Earliana (Spark's). The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and most desirable. Pkt. 10c., 15c. 1/2 oz., oz. 25c., 75c. 1/4 lb., lb. \$2.50.

Bonny Best. One of the best and most prolific of early tomatoes. The size is not so large but it is very solid and evenly formed. Color a beautiful bright red. Pkt. 10c., 20c. per 1/2 oz., oz. 40c., \$1.50 per 1/4 lb.

Early Jewel (Chalk's). A favorite variety with the market gardener. Color, a bright red; solid and a good shipper. Pkt. 10c., 20c. per 1/2 oz., per oz. 35c., \$1.00 per 1/4 lb., per lb. \$3.50.

June Pink. One of the recent introductions in tomatoes. In habit it is very much like Earliana, but a beautiful pink color instead of red. 10c. pkt., per 1/2 oz. 15c., 30c. per oz., per 1/4 lb. 85c., \$3.00 per lb.

Beauty. One of the largest bright red tomatoes, solid and meaty, quite early. Pkt. 5c. and 10c., 20c. per oz., 1/4 lb. 60c., \$2.00 lb.

Paragon. A large solid brilliant red fruit, excellent for canning or serving sliced. Pkt. 5c. (10c. per large pkt.), oz. 20c., 65c. per 1/4 lb., lb. \$2.00.

LATER AND GENERAL CROP VARIETIES

Michell's Improved Globe. One of the largest and heaviest tomatoes on our list, the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. Pkt. 10c., 25c. per 1/2 oz., oz. 50c., \$1.75 per 1/4 lb.

Livingston's Globe. A handsome variety, especially adapted to slicing; very solid; color a handsome red, and a great producer; one of the best general crop varieties. Pkt. 10c., 15c. 1/2 oz., 30c. per oz., per 1/4 lb. 90c.

Stone (Michell's Private Stock). A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. One of the best all-round tomatoes on the market. Pkt. 10c., 20c. per 1/2 oz., per oz. 40c., \$1.25 per 1/4 lb., per lb. \$4.00.

Stone (Usual Strain). Pkt. 5c. and 10c., 15c. per 1/2 oz., per oz. 25c., 85c. per 1/4 lb., per lb. \$3.00.

LATER AND GENERAL CROP VARIETIES

Red Rock. One of the most solid varieties, medium size and of a brilliant red color, a fine one for the home or market garden; medium early. Pkt. 10c., 15c. per 1/2 oz., oz. 30c., \$1.00 per 1/4 lb.

Ponderosa. The largest tomato in existence; a beautiful red color; heavy producer, and of even form. Pkt. 10c., 15c. per 1/2 oz., per oz. 30c., \$1.10 per 1/4 lb., per lb. \$4.00.

Dwarf Champion. A distinct type, the plant looks like a miniature tree; very dwarf and compact; color of fruit, bright red and very solid. Pkt. 5c., 15c. per 1/2 oz., per oz. 25c., 70c. per 1/4 lb., per lb. \$2.25.

Dwarf Stone. A dwarf compact growing plant, yielding a large crop of medium-sized very solid tomatoes. Color, bright red. The plant is very distinct; and upright. Pkt. 10c., 20c. per 1/2 oz., per oz. 35c., \$1.00 per 1/4 lb., per lb. \$3.25.

Favorite. A very large type, used extensively by private gardeners; color a handsome red; very solid, general crop variety, very prolific. Pkt. 5c. and 10c., 20c. oz., 1/4 lb. 60c., \$2.00 lb.

Golden Queen. Large yellow fruit. Pkt. 10c., 1/2 oz. 15c., oz. 30c., 1/4 lb. \$1.00, \$3.25 per lb.

Matchless. Large red fruit, general crop. Pkt. 5c., 1/2 oz. 15c., oz. 25c., 1/4 lb. 85c., \$2.75 per lb.

Trophy. Very large fruit, pinkish red. Pkt. 5c., 1/2 oz. 15c., oz. 25c. 1/4 lb. 65c., \$2.25 per lb.

FORCING TOMATOES

While especially adapted for growing under glass during the winter, they succeed outdoors quite well, and have one especially valuable feature, being extremely early.

Michell's Crackerjack. See opposite page.

Sutton's Best of All. One of the finest varieties in use in England, and the seed we offer is in original packets. The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters of from 3 to 6 fruits. Pkt. 50c.

Comet. A cluster averages 6 tomatoes of medium size of the brightest red, ripening up to the stem. One of the first to ripen and continues in bearing for a long while. Pkt. 10c., 20c. per 1/2 oz., oz. 40c., \$1.25 per 1/4 lb.

Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato, vermilion red color; original packets 50c. (\$1.25 for 3 pkts.).

Lorillard. One of the large fruited varieties, extensively grown in commercial establishments; a bright, glossy red and very smooth. 10c. pkt., 15c. 1/2 oz., oz. 30c., 80c. per 1/4 lb.

SMALL FRUITED TOMATOES

These are very decorative in the garden, as well as highly desirable for preserving on account of their freedom from acid, they are tremendously prolific, continuing to bear right up to frost. They may be used raw, and make excellent table decorations.

Red Cherry. Pkt. 5c., 1/2 oz. 15c., oz. 25c., 1/4 lb. 75c., \$2.50 per lb.

Yellow Pear or Plum. Pkt. 5c., 1/2 oz. 15c., oz. 25c., 1/4 lb. 75c. \$2.50 per lb.

Strawberry or Husk. Pkt. 5c., 1/2 oz. 15c., oz. 25c., 1/4 lb. 85c. \$2.75 per lb.

TOMATO PLANTS

(Ready in April)

	Doz.	100	1000
Hotbed-Grown	.....\$0.20	\$1.25	\$7.50
Pot-Grown	.....	.50 4.00	37.50

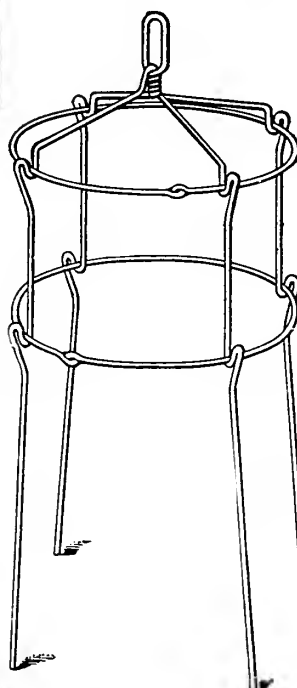
TOMATO SUPPORTS

Larger plants, better and more fruit is obtained when tomatoes are supported.

Müller's, Wire (see cut). Each 30c., doz. \$3.25, \$23.50 per 100.

Model, Wire. Each 20c., doz. \$2.00, \$14.00 per 100.

Perfection, Wood. Each 25c., doz. \$2.75, \$22.00 per 100.



Müller's Tomato Support

Michell's Pot-grown Tomato Plants produce Early Fruit

TARRAGON

This does not produce seed, but we offer choice plants. These are hardy if given plenty of protection in winter. Do not plant them in an exposed place. Extra large plants, 20c. each (by mail 30c.), per doz. \$2.00, \$15.00 per 100.

THYME (English Broad Leaved)

This is almost an indispensable herb; once planted it remains permanent for years. Pkt. 5c. and 10c., 20c. per ½ oz., per oz. 40c.

THYME PLANTS

Large clumps of the above variety for those who want immediate results. 10c. each (by mail 15c.), per doz. \$1.00, \$7.00 per 100.

TOBACCO SEED

	Pkt.	½ oz.	Oz.
Connecticut	\$0.10	\$0.15	\$0.25
Havana . . . . .	.10	.20	.40
Pennsylvania . . . . .	.10	.15	.25

Special price on larger quantities

TURNIP AND RUTA BAGA

Herbst Rüben (Ger.) Navet (Fr.)

One ounce of seed for 100 feet drill; two lbs. per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills fourteen inches apart. Ruta Bagas thirty inches. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly so the roots can develop. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and Ruta Bagas from the middle of June to the fifteenth of July.

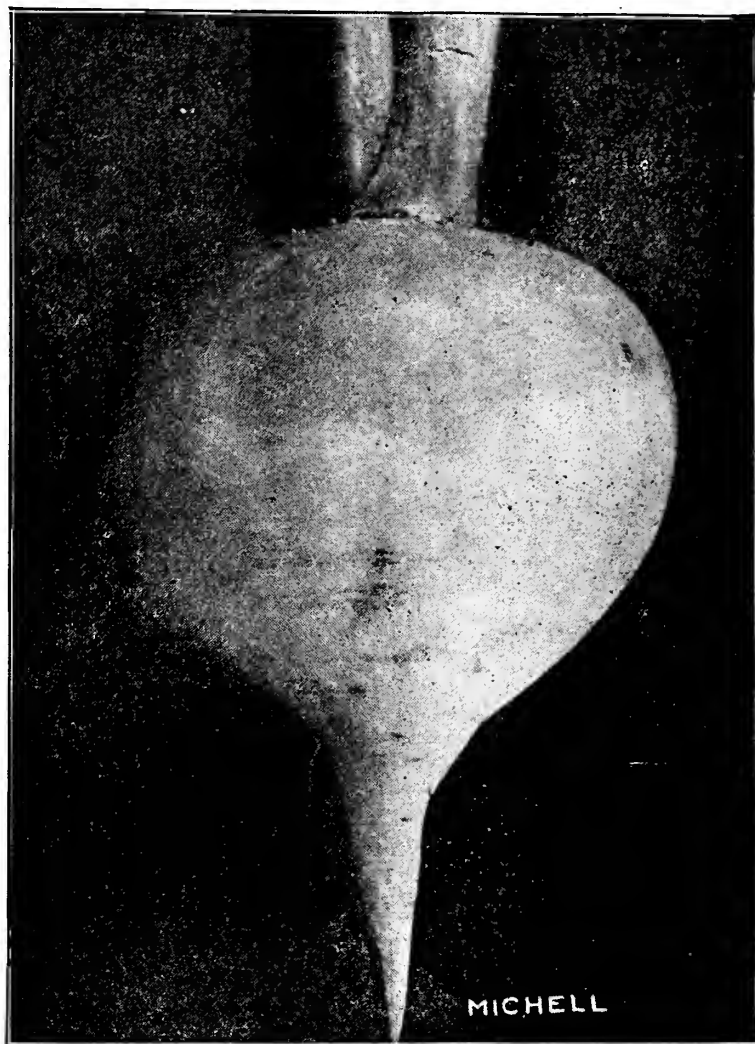


Michell's Private Strain Ruta Baga

RUTA BAGA

Private Stock Purple Top Yellow. This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 5c. and 10c., 15c. per oz., per ¼ lb. 30c., \$1.00 per lb., 5 lbs. for \$4.00.

Improved Purple Top Yellow. This variety is the same color as the above, except the shape is more oblong. It is very desirable for stock feeding. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 50c. per lb., 5 lbs. for \$2.25.



Private Strain Improved Purple Top White Globe Turnip

TURNIP

Aberdeen. A flat yellow variety, a good winter keeper. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

Cow Horn. A long white variety used for soiling and stock feeding. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 60c.

Early Purple Top Munich. A flat variety, very early, white flesh. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

Early White Flat Dutch. A good variety for early spring sowing, matures quickly. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

Early Purple Top Flat. The most popular variety in cultivation, a large yielder, well flavored. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

Purple Top White Globe. A large perfect shaped sort, the skin is purple at top and white at bottom, very sweet. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

Purple Top White Globe. (Private stock.) This is a careful selection of the above variety, especially adapted for private gardens. Pkt. 5c. and 10c., 15c. per oz., per ¼ lb. 35c., 50c. per ½ lb., per lb. \$1.00.

Robertson's Golden Ball. A globular-shaped sort, with deep yellow flesh. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

Snowball. A pure white globe variety, very early. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

White Egg. A small egg-shaped variety, good for early sowing. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 30c. per ½ lb., per lb. 50c.

White Milan. A handsome flat sort, grand for very early use, sweet and tender. Pkt. 5c., 10c. per oz., per ¼ lb. 25c., 80c. per lb.

Yellow Globe or Amber. Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Pkt. 5c., 10c. per oz., per ¼ lb. 20c., 35c. per ½ lb., per lb. 60c.

WORMWOOD

A medicinal herb of great value. Perfectly hardy with slight protection. Pkt. 5c. and 10c., 15c. per ½ oz., per oz. 25c.

FIELD SEED CORN

Prices on Field Corn subject to market changes

Plant 8 to 10 qts. per acre in hills sow $2\frac{1}{2}$ to 3 bushel broadcast for fodder

Our strains of corn are not the common kinds usually found in abundance on the market, we pay as much attention to carefully selected stocks in all lines of farm seeds as we do the critical vegetable and flower seed part of the business. This is particularly true of field corns where re-selection means the limit of crop with little or no increase in cost. It is amazing to realize where the old unselected seed is used the average crop per acre is only half compared to the more intelligent selection of strains. Our stock is selected for size of ear and fodder, uniformity of kernel and the careful finish of the tip and butt, all of which mean a considerable increase in production.

Never use feeding Corn for Seeding Purposes

Leaming Early Dent (Pedigreed Stock). This variety has always been used foremost by most planters of field corn. It is readily distinguished by the beautiful long ears of deep grained, uniform kernels, resplendent in a deep shade of golden orange. The cob when shelled is very small and of reddish color. The stalks grow about 7 feet, very leafy, excellent for fodder, and on the average will produce two ears to the stalk. This strain assures the largest ears with every kernel perfect; ripens in 90 days and occasionally crops 100 bushels to the acre. On the ear only in 1 bushel crates, \$5.00 per crate; 5 bushels for \$23.75. (Stock of this limited.)

Leaming Early Dent. This is our usual carefully grown stock, which is excellent in every respect. Qt. 15c., 40c. for 4 qts., peck 60c., \$2.00 per bu.

Golden Beauty. The broad massive golden yellow dented grains are arranged very evenly on gigantic cobs. The fodder is enormous, often growing 12 feet high; it matures late but yields wonderful crops; desirable for silo and ensilage purposes. Qt. 15c., 40c. per 4 qts., peck 60c. \$2.00 bu.

Chester County Mammoth. A native variety of this vicinity, grown especially for us by a private expert corn raiser. The ear and stalk are almost as large as Golden Beauty. The dented kernel is deeper, however, and of a light yellow shade; a late maturer. Qt. 15c., 35c. per 4 qts., peck 60c., \$2.00 per bu.

Cloud's Early Yellow Dent. Our stock of this is grown by the originator, who is extremely careful. Every grain is uniform and perfect. Though the fodder grows often 10 feet high, the crop is matured in 100 days. The ear is about 10 inches long with a very thin cob when shelled, while the canary yellow grains are about $\frac{3}{4}$ of an inch long. It delights in rich soil if the best is expected of it. Qt. 15c., 40c. for 4 qts., peck 65c., \$2.25 per bu.

100 Day Bristol. This matures within the time named and produces large stalks. The ears are about 9 inches long, very thin cob when shelled. The sulphur yellow grain is dented, very broad and not very deep; an easy variety to husk. 15c. qt., 4 qts. 35c., 60c. peck, bushel \$2.00.

Early Canada Flint (Eight Rowed). This is a medium broad grained variety, perfectly smooth on the end and very hard. Makes a desirable sort for late planting. The cobs are very thin when shelled, excellent for pigeon and poultry feed. Qt. 15c., 35c. for 4 qts., peck 60c., \$2.00 per bu.

Hickory King. A very broad dented white grain, white cob variety, for ensilage, silo and fodder purposes it is ideal. It matures very late, but is an enormous producer. Qt. 15c., 35c. for 4 qts., peck 60c., \$2.00 per bu.

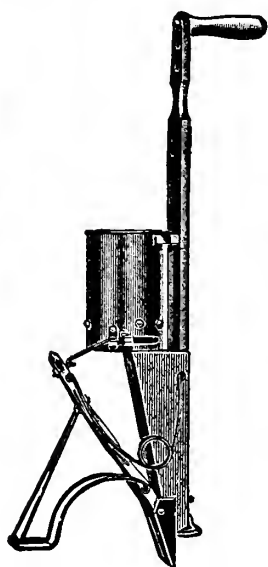
Virginia Ensilage. This grows invariably 12 to 14 feet high, stands up during the most severe windstorms. The seed is white, very deep and broad, with a thin red cob. It is the principal ensilage corn of the South. It will yield more fodder than and other variety. Qt. 10c., 30c. for 4 qts., peck 50c., \$1.85 per bushel.

Red Cob Ensilage. A long narrow white grain, a late maturer and used for silo, green feed or ensilage purposes. A tall rank grower and prolific in leaves. 10c. qt., 4 qts. 30c., 50c. peck, bu. \$1.85.

Sweet Fodder Corn. For sowing broadcast as a green summer food for stock. 10c. qt., 4 qts. 30c., 60c. peck, \$2.00 per bushel.

AMERICAN HAND CORN PLANTER

A planter of this type is a great economizer of seed, besides saving an enormous amount of labor by rapid planting. Price, \$2.00.



American Hand Corn Planter

Headquarters for HIGH GRADE FARM SEEDS

PRICES ON ALL FARM SEEDS SUBJECT TO MARKET CHANGES

ALFALFA (See page 18)



A Head of Japanese Buckwheat

JAPANESE BUCKWHEAT

In the locality of Philadelphia this is sown anywhere from June 1st to July 15th; one bushel of 48 lbs. broadcasted to the acre. If one has the ground prepared and the opportunity, it can be sown as early as May 1st. This variety produces brown seed, is very prolific, maturing fully a week earlier than "Silver Hull" variety. It makes a very fine quality of flour, but is chiefly used for poultry food. For planting adjacent to game preserves it provides excellent food for the birds. The flower makes ideal bee food; while the straw is very abundant. Our seed is grown by a specialist in New York State, who procures his seed stock every few years from Japan. Any of the clover crops can be sown with buckwheat, these to mature the following season. Buckwheat frequently yields as much as 80 bushels to the acre. 15c. per qt., peck 50c., \$1.50 per bushel.

SILVER HULL BUCKWHEAT

This produces a medium sized silver-gray grain; it does especially well on poor ground. For feeding it is not as good as the "Japanese," but the flour produced from it is whiter. It does not mature its crop as early as the former, but is very prolific. One bushel (48 lbs.) will sow an acre. 15c. qt., peck 50c. \$1.50 per bushel.

BEARDLESS SPRING BARLEY

There is a threefold purpose in growing barley. Its straw is good for green feed or when cured, as hay. The grain in the hull is excellent poultry feed and with the latter removed is used in the household. It is a quick growing crop and very nutritious. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast $1\frac{1}{2}$ to 2 bushels per acre from May 15th to July 1st. Our seed stock is carefully selected and grown especially for us in Genesee County, New York. The beardless variety makes far better straw than the bearded and will frequently yield 50 bushels of grain per acre. 15c. qt., 4 qts. 35c., 50c. peck, bushel \$1.75.

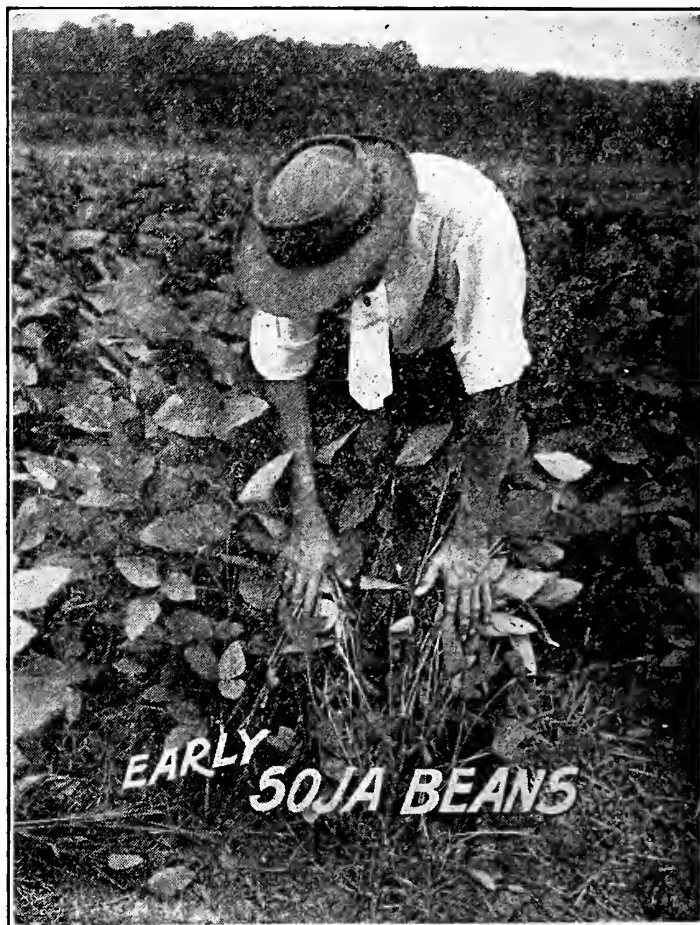
COTTON SEED

Grown in this locality more as a novelty, making an attractive plant. The Sea Island variety, which we handle, if sown early in May will mature in the latitude of Phila. Plant in drills 3 feet apart, dropping a seed about every six inches. Pkt. 5c., 10c. $\frac{1}{4}$ lb., lb. 20c., 75c. for 5 lbs.

EVERGREEN BROOM CORN

The chief value of this plant lies in the top or brush, as it may be called, which is made into brooms. The fodder is suitable for bedding and grows to a height of about nine feet. This sort produces extremely straight brush, retaining its green color well after ripening, thus commanding highest market prices. Sow in May about ten pounds per acre in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row. It is usually in condition for cutting on the first approach of the frost, the brush part being gathered first. Yields 1000 lbs. of salable brush per acre. 15c. qt., 4 qts. 45c., \$2.50 per bushel (46 lbs.).

CLOVERS (See page 18)



EARLY EVERGREEN SOJA OR SOY BEAN

This very valuable farm plant is not used as extensively as it should be. It has three very valuable points. It enriches the ground in which it is planted by the free nitrogen gathered from the air and which is deposited in the ground by the roots, leaving it in ideal condition and rich in nitrogen for the next crop. Fodder is relished in either green or dry form by cattle and dairy cows. Excellent to combine as feed with other hay or corn. The seed when harvested and ground into meal gives milk a very rich flavor and is fed with great advantage to milch cows mixed with bran or any other soft feed. Plant $\frac{3}{4}$ bushels to the acre in drills $2\frac{1}{2}$ feet apart, which will place the plants about 10 to a foot, anywhere from the 1st to the last of May. If wanted for silo it will be ready for harvest about the first of September or earlier, when the pods will all be well filled; it has a record of yielding as high as 20 tons of green food per acre; if fed in this condition it is cut anywhere from the time of flowering until the pods are well formed. 15c. qt., 4 qts. 50c., 85c. peck, bushel \$3.25.

FLAX

This is grown for the fibre from which linen thread is made and also for the seed from which that indispensable product, "Linseed Oil," is made. When ground it makes an excellent tonic when fed to horses, cattle and poultry. If sown to harvest seed, plant a bushel to the acre from May 15th to June 15th. If desired for the fibre, sow $1\frac{1}{2}$ to 2 bushels. Lb. 10c., \$1.15 peck (14 lbs.), bushel (56 lbs.) \$4.25.

GRASSES

For farm and hay purposes, see pages 15, 16 and 17.

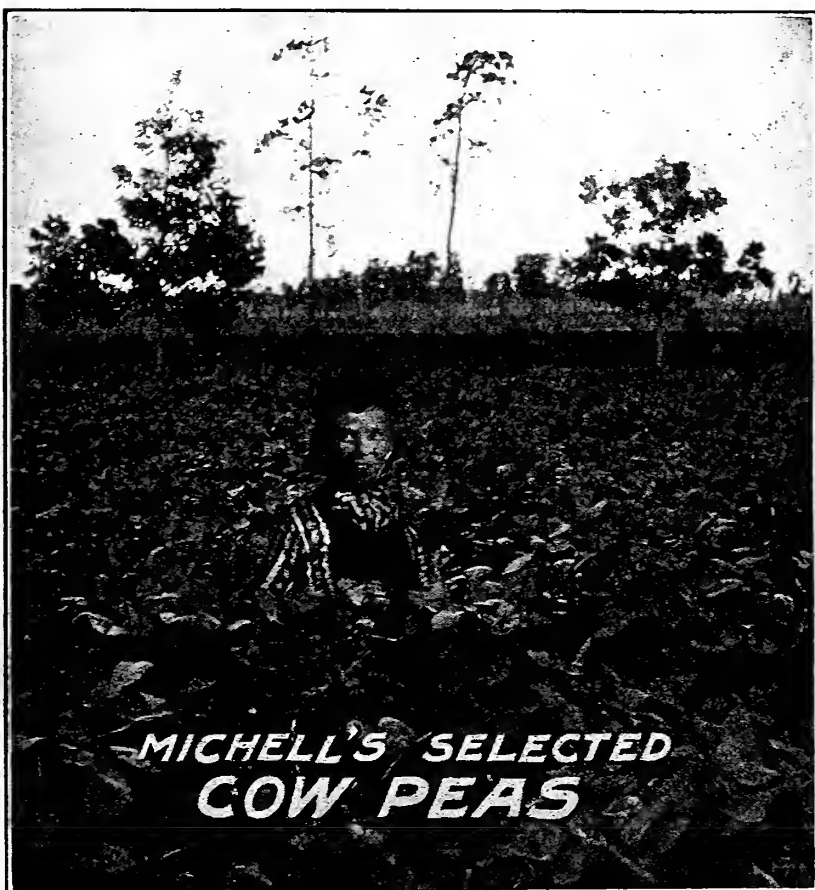
FARMOGERM NITROGEN-GATHERING BACTERIA

This will be found a very valuable preparation in connection with plantings of Soy Beans, Cow Peas and other legumes. See page 19 for full particulars.

PRICES ON ALL FARM SEEDS SUBJECT TO MARKET CHANGES

CANADA FIELD PEAS (Especially for Seeding)

These are used for various purposes, chief among them being a very early green food; when used this way they are sown with oats about April 1st at the rate of 1½ bushel of Peas and 1½ bushel of Oats to the acre either drilled or broadcasted. The oats is intended as a support for the peas. They are cut just after the peas flower and fed green; sheep, hogs and cattle relish them keenly. They may be sown successively up to July if one has the available land. Peas may also be sown alone at the rate of 3 bushels per acre and furnishes excellent pea hay; horses like it very much when properly cured, as does all other stock. For plowing under as green manure, they add a vast amount of nitrogen to the soil and succeeding crops sown there the same year or even later particularly wheat are wonderfully benefitted by producing a more luxuriant growth and larger yield. The dried peas are extensively fed to pigeons while when ground as meal is an excellent addition to the regular soft food of cows, sheep and horses. 10c. qt., peck 60c., \$2.25 bushel (60 lbs.).



COW PEAS

These are one of the best, largest yielding and most nutritious of the farm crops; they provide the most inexpensive methods of bringing soil back to a stage of fertility. In the South it is the staple forage crop for winter feeding, and when stock gets accustomed to it, they will prefer it to other kinds of hay. On ordinary ground they will yield from 10,000 to 20,000 lbs. of green fodder to the acre. They grow in the poorest kind of soil, taking the free nitrogen from the air, which it deposits in the ground through the roots leaving it very rich in ammonia. The short-growing varieties are best for turning under as green manure, while the trailing sorts are desirable for hay. Cattle, sheep or hogs can be turned into a field of them and they will eat it off greedily and the stubble can be plowed under. Sow from May 1st to July 1st, 2 bushels per acre broadcast, or 1 bushel per acre in drills. For a large crop sow the seed as late as possible and not too thick.



Canadian Cluster Oats

CHOICE SEED OATS

We handle enormous quantities of these and trace the demand to the excellent quality we handle; they are grown especially for us in the cool regions of New York State, where they grow to perfection. Most any of the sorts offered below would average 39 to 40 lbs. per measured bushel, which is proof of their excellent quality. Please bear in mind, however, that our prices are all based on the legal weight of 32 lbs. per bushel. Sow from April till June, 3 bushels to the acre.

Swedish or Washington. The long erect straw is noted for its ability to stand up in rough weather; grains are very plump and nearly pure white in color; this variety is especially free from diseases. 15c. qt., peck 40c., \$1.50 bushel.

Canadian Cluster. This variety is an enormous yielder, producing very large heads; our seed stock of this was originally brought from the oat-belts of Canada, but has now been thoroughly acclimated to the American climate. 15c. qt., peck 45c., \$1.50 bushel.

See page 56 for other Seed Oats.

COW PEAS

Black. This is one of the early upright-growing varieties, desirable for plowing under. 15c. qt., 4 qts. 50c., 75c. pk., bu. \$2.75.

Black Eye. The vines of these are of a trailing habit, ideal for harvesting as fodder; a tremendous producer; late. 15c. qt., 4 qts. 50c., 75c. peck, bushel \$2.75.

Whippoorwill. An early upright-growing variety, seed is reddish brown speckled, some claim that this variety is capable of gathering more nitrogen than others. 15c. qt., 4 qts. 50c., 75c. peck, bushel \$2.75.

Wonderful or Unknown. This is an enormous producer, very late in maturing, trailing variety. 15c. qt., 4 qts. 50c., 75c. peck, bushel \$2.75.

New Era. An early upright-growing variety, the seed is smaller and requires about 25% less in quantity to sow an acre. 15c. qt., 4 qts. 50c., 75c. peck, bushel \$2.75.

Two-Bushel Seamless Sacks, used on Farm Seeds, 22c. each; returnable at price charged

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES

STORM KING SEED OATS PEDIGREE STOCK

Our strain of this variety was brought from Russia two years ago and is, without a doubt, the finest and plumpest oats we have ever seen. The straw is very stiff, often measuring 5 feet in height. Our supply of this is limited and we recommend early ordering, as we know that the demand will exceed the supply. 20c. qt., peck 60c., \$2.00 bushel.

WELCOME SEED OATS

This is one of the popular varieties, extensively grown in this locality; it yields a heavy stiff straw and is a large producer. 15c. qt., peck 35c., \$1.20 bushel.

See also page 55 for other Seed Oats.

VIRGINIA GRAY WINTER or TURF OATS

These are grown principally in the South, where they are hardy. They can be sown further North in the spring and produce good crops. 15c. qt., peck 40c., \$1.20 bushel.

KAFFIR CORN White, for Seed

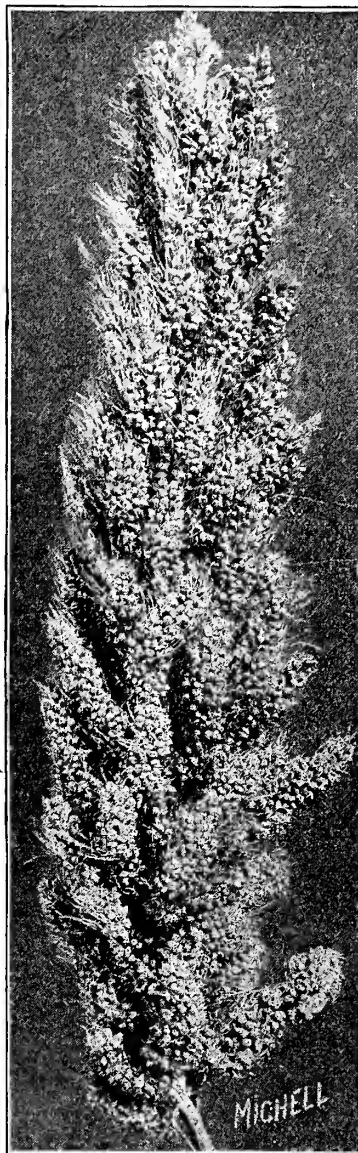
This belongs to the Sugar Cane family and has great drought-resisting qualities; the grain is used for feeding poultry and the fodder for cattle, is ideal for planting where the corn seed has failed to germinate and it is too late to replant. Grows from 4 to 6 feet high, the grain being produced on the top of a stalk in the shape of a brush; frequently as many as four heads of grain will be found on a single stalk. It usually ripens after the first few frosts; produces enormous crops. Can be sown as late as July at the rate of 10 lbs. per acre in drills. 10c. qt., peck 40c., \$1.50 bushel (56 lbs.).

MILLET

This is a very important emergency crop when the season for hay has been unsatisfactory. Can be sown as late as July 15th and yield a tremendous crop. Is also desirable for green manuring, when it should be turned under when about ten inches high. It makes an excellent green food for stock which is not allowed to pasture. If used for hay and dried it should be cut just as it matures. If allowed to stand longer, it gets hard and less palatable for the animals.

Tennessee, German or Golden. This requires a longer season to mature than the other sorts, it produces, however, a very fine quality of hay and makes a larger seed-head. In good seasons it grows about 4 feet high. Sow 1 bushel (48 lbs.) broadcast to the acre, from April 10th to July 10th. 15c. qt., peck 50c., \$1.75 bushel (48 lbs.).

Hungarian. The seed is a mixture of brown and yellow and produces not quite so fine in quality as the "German," also fully a foot less in height, it can, however, be sown some 2 weeks later. Sow 1 bushel per acre. 15c. qt., peck 40c., \$1.50 bushel (48 lbs.).



A Head of Japanese Millet

JAPANESE BARNYARD MILLET

This wonderful Millet yields possibly more fodder than any other forage plant that requires so little to sow an acre. Frequently as high as 12 tons of green food has been obtained from an acre. It is somewhat coarse in texture, growing sometimes as high as 8 feet; it is, however, ideal for silo or hay purposes; if sown early in May it may be cut twice in one season. It branches out at the roots and more than 12 lbs. per acre broadcast cannot be sown to advantage. Sow anywhere from May 1st to June 15th. 10c. lb., 10 lbs. 80c., \$7.00 per 100 lbs.

SPRING RYE

This furnishes an excellent early green food if cut, or for pasture; the grain is used for feeding and other purposes, while the straw is a very fine quality, making a larger yield than the winter rye from which it is quite distinct, the seed being smaller. Sow 1½ bushels broadcast or in drills from May to June 1st. 10c. qt., peck 50c., \$1.75 bushel.

WINTER RYE

Thousandfold. This makes a fine winter cover crop, being usually sown in the autumn as late as November, making a very fine yield of long stiff straw. Sow 1½ bushel per acre. 10c. qt., peck 40c., \$1.35 bushel.

DWARF ESSEX RAPE

This makes an indispensable green food for sheep and hogs. It can be pastured 8 weeks after sowing; the growth is enormous; if one has the available land it is good to sow in succession, as the stock eat it close to the ground and it will not stand pasturing any great length of time; this, of course, depends on the number of head turned on an acre. Sow 6 lbs. per acre broadcast or in drills from April 1st to October 1st. It produces enormous crops and is an ideal green manure. Experiment Stations recommend that stock feeding on it should have ready access to salt. This is an ideal food for young lambs and hogs and does well under trying conditions. 10c. lb., 10 lbs. 90c., \$7.00 per 100 lbs.

SUGAR CANE OR SORGHUM

Early Amber. Either green or in a cured state this makes ideal cattle food; it imparts a desirable flavor to milk. The seed can be thrashed out of the stalks and used as poultry feed. It is a tremendous producer, growing often 12 feet high; it stands the hot, dry weather and on account of its root branching habit it can be cut several times in one season, in fact it yields most when handled in this manner. Sow 25 lbs. of seed to the acre in drills 3½ feet apart; 1 or 2 bushels broadcast. 15c. qt., peck 65c., \$2.25 per bu. (48 lbs.).

THE NEW AMERICAN FARM BOOK

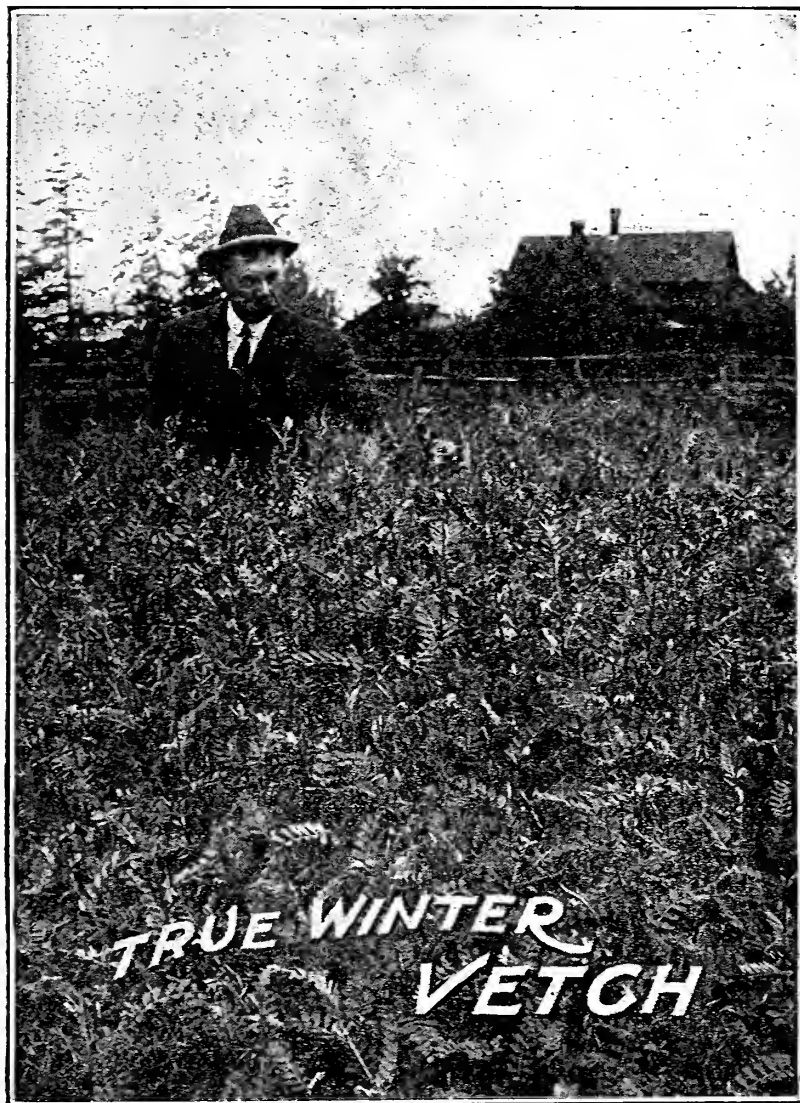
A volume of 526 pages, written by one of the foremost authorities on the subject, containing much that is new and important to the average agriculturist. Price, \$2.00 postpaid.

In ordering Farm Seeds, always allow 22 cents for each Two-Bushel Bag. These are returnable at the price charged

TIMOTHY SEED. *Extra recleaned stock, see page 17*

TEOSINTE (Reana Luxurians)

This is used extensively in the South, where it is, at times, difficult to grow forage crops on account of the long periods of drought and frequently poor soil; a single plant makes a tremendous growth, often producing as many as fifty stalks. Its foliage is like corn leaves, very broad and contain a sweet sap. Cattle eat it with a relish. It stands 5 feet high when matured, but it can be cut when two or three feet high. It produces new branches or stalks from the roots. Sow during May and June in drills $3\frac{1}{2}$ feet apart, 5 to 6 lbs. per acre. 60c. lb., 5 lbs. \$2.75.



SUNFLOWER, Mammoth Russian

This makes a splendid poultry food, especially for winter use, on account of its heating and fattening qualities. Will yield sometimes as high as sixty bushels per acre. Harvest after the first few frosts, cutting the seed-head from the plant, piling them loosely on the grain floor or hanging them in bunches on the rafters of the barn until thoroughly dry. Sow 10 qts. per acre in drills 3 feet apart, dropping the seed about every 4 inches. 10c. qt., 4 qts. 30c., 55c. peck, bushel \$1.75.

SPELTZ or EMMER

This grain resembles wheat but is a much larger yielder, producing frequently as high as 80 bushels of grain per acre, and that on the poorest land. The hay if cut green is desirable for horse or cattle feed, while the straw after thrashing is equal to the best wheat. The grain is desirable for feeding to hogs or poultry. Sow as you would wheat, 2 bushels to the acre anytime after April 1st; the earlier the better. 15c. qt., peck 50c., \$1.75 per bushel.

PRICES ON ALL FARM SEEDS SUBJECT TO MARKET CHANGES

VETCHES or TARES

This has been used in Europe for many years as a stock food and green manuring or cover crop. It does best if sown with rye, the latter gives it support and thus ensures enormous crops. It makes an ideal hay and it is a pity that every American farmer does not use it. It fertilizes the ground without further trouble or cost, on account of the free nitrogen it gathers from the air. It produces a peculiar vine plant with very narrow foliage and elongated flowers of pinkish white in clusters. The height when supported is frequently 4 feet.

Sand, Hairy, or Winter Vetch (*Vicia Villosa*). Our stock of this is the true type, which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern sections of the U. S., and buyers should beware when buying that they procure the right article, which is a small round black seed; this is far superior to Crimson Clover, as it never winter-kills. Sow from August 1st to October 1st, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed in as green manure, or when in flower cut for hay. All stock relish it keenly. 15c. lb., 10 lbs. for \$1.25, \$6.75 per bushel of 60 lbs., per 100 lbs. \$11.00.

Spring Vetch (*Vicia Sativa*). The seed of this is larger and of a brownish gray color. It is not hardy and must, therefore, be sown in the spring during May or June, 1 to 2 bushels per acre if broadcast and 1 bushel if in drills, with either spring wheat, spring rye or oats for support. It possesses very much the same desirable features as the winter vetch. 10c. lb., 10 lbs. 75c., \$3.25 per bushel of 60 lbs., 100 lbs. \$5.00.



SPRING WHEAT *Spring Wheat*

A desirable crop to sow where fall-sown wheat has been killed by severe winter; the grain is very hard and of excellent milling quality. Macaroni is made from this variety. Our stock is grown in the extreme Northwest and is very fine.

Saskatchewan Fife. This is the favorite sort in this locality and is used on account of its prolific, vigorous growth and early qualities. It often produces 50 bushels per acre. Sow in April or May $1\frac{1}{2}$ to 2 bushels per acre, broadcast or in drills. 15c. qt., peck 65c., \$2.50 per bu.

WINTER WHEAT

In season we carry a large stock of the best varieties.

In ordering Farm Seeds always allow 22c. for every two-bushel Seamless Bag used. These are returnable for credit or refund at the price charged.

The Cream of Novelties in Flower Seeds for 1912

FOR GENERAL LIST OF FLOWER SEEDS, SEE PAGES 65 TO 103

When we claim to offer the cream of Novelties, it not only means that they are new but that they possess merits worthy of anyone's trial. To deserve our claim for progressiveness we realize we must be the first in the field to offer the latest introductions of the hybridizer, yet we must be jealously careful in our selections from the hundreds of offers to guard against disappointments, and for this reason alone our list may be small compared with some others, but we are proud to say, there can be none better.



New Aster—Michell's "Pink Superb"

NEW ASTER—MICHELL'S "PINK SUPERB"

A new and valuable variety of Aster, which is really "Superb" in every sense of the word. The flowers are of immense size, petals long and broad, those in the centre lie curled and incurved to such an extent that the crown is completely covered; the general appearance of the flower being that of an immense flat Chrysanthemum; color, a beautiful light, or shell pink. One of the admirable features of this new variety is the exceedingly long stems, which usually measure 34 to 36 inches in length, making a valuable sort for cutting. Per pkt. 25c., 65c. per large pkt., per ¼ oz. \$2.00; \$7.50 per oz.

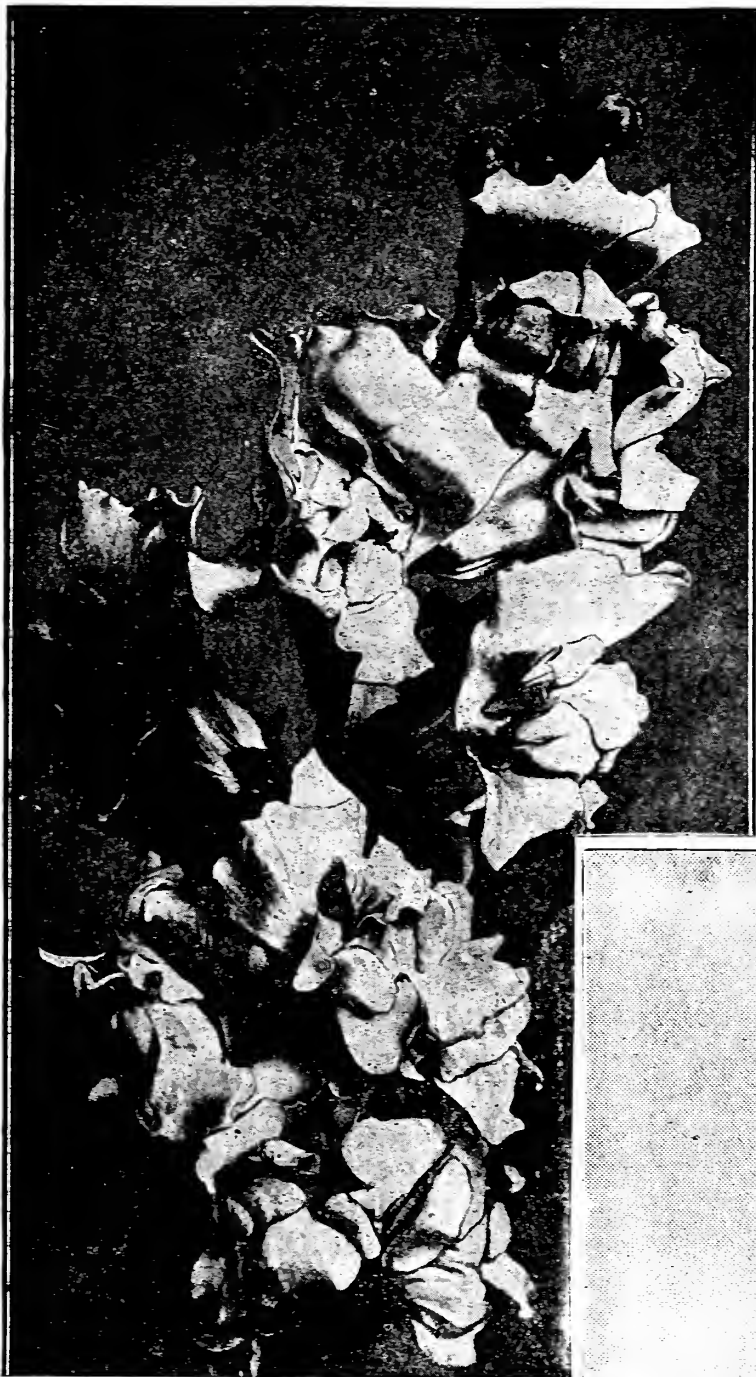
SPECIAL OFFER. One packet each of the 3 new varieties of Asters on this page for 53c.

ELECTRIC ASTER

A new and distinct variety, growing about 18 inches high; long wiry stems; flowers of large size, usually 5 inches in diameter; color, snowy white; petals long, thread-like and quilled; of very graceful appearance. Per pkt. 15c., 50c. per large pkt.

LADY ROOSEVELT ASTER

One of the finest varieties of Asters; the flowers resemble huge Chrysanthemums; the color is a gorgeous pink of marvelous beauty. The plants produce stout stems invariably 40 inches long, crowned with gigantic flowers. The seed we offer is selected from original specimens and then re-cleaned; so it must give absolute satisfaction. Per pkt. 25c., 65c. per large pkt.



Antirrhinum—Giant Double White

ANTIRRHINUM (Snapdragon)
GIANT DOUBLE WHITE

A new form of flower; from the mouth-like aperture, between the upper and lower lips, emerge abnormal petals, which give the flower a new aspect; the flowers are very large; a vase of these present a very striking appearance; color, pure white. Per pkt. 25c., 65c. per 3 pkts.

SUMMER FIR

(*Artemisia Saccorum Viridis*)

A new ornamental foliage plant introduced from China; forms grand pyramidal bushes 3 to 5 feet high. As a solitary plant it resembles a nicely grown Christmas tree, also pretty as a pot plant, and may also be grown in groups and borders similar to *Kochia Trichophylla*. Foliage fine and of a rich dark green; stands the heat and drought extremely well. Plants cultivated in the open ground may be successfully planted in pots without any interruption of their growth; cut branches of this plant last very long. Per pkt. 25c., 65c. per 3 pkts.



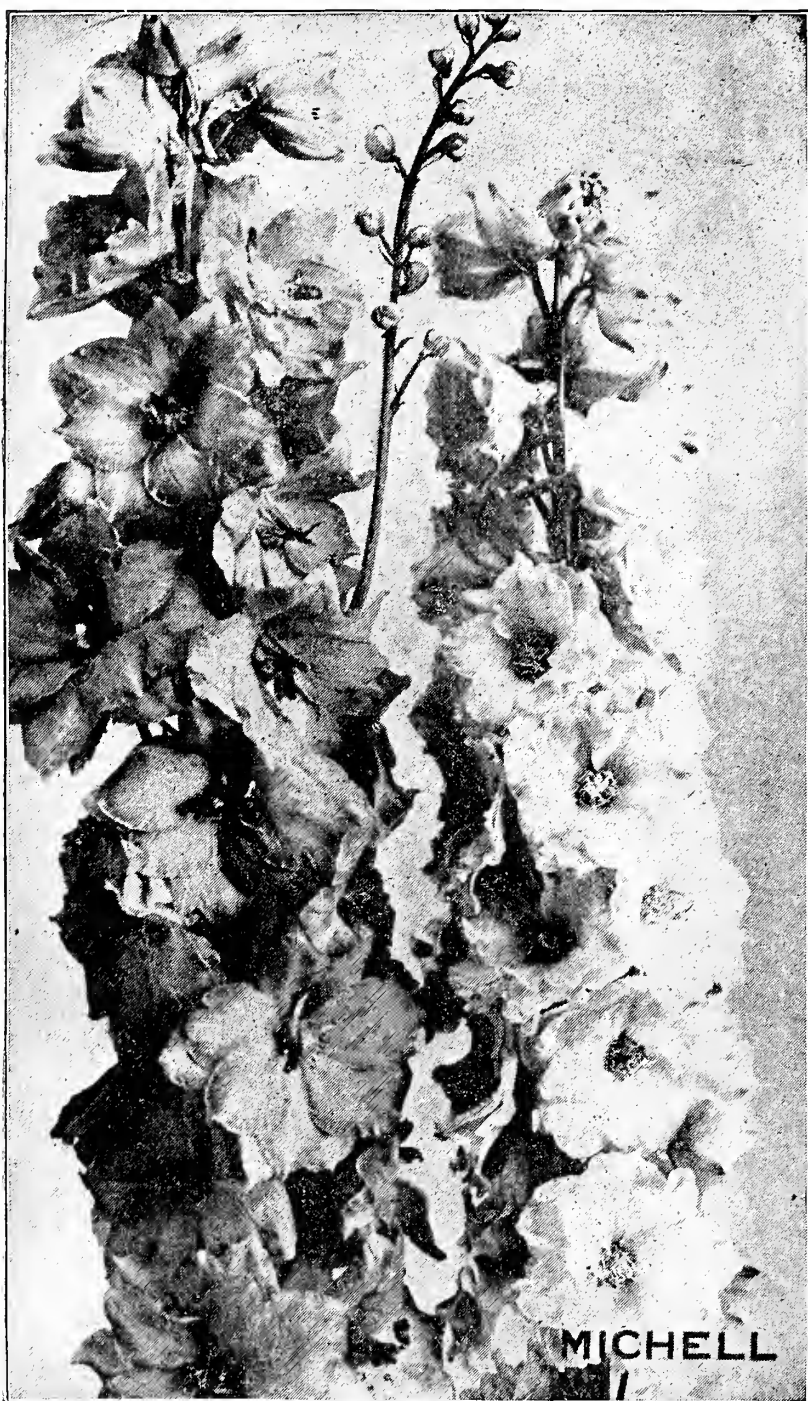
Antirrhinum Venus

NEW ANTIRRHINUM—(Snapdragon) VENUS

A new color in the Giant Flowering Snapdragons, and just the color in demand; a lovely shell pink on white ground, set off by a pure white throat. The long stalks are thickly studded with large flowers of the finest form. This splendid new sort will undoubtedly become one of the most valued. Pkt. 25c., 65c. 3 pkts.



Artemesia Saccorum Viridis

*Delphinium-New Hybrids***NEW HYBRID DELPHINIUMS**

(Hardy Perennial Larkspurs)

We take pleasure in offering to our customers the following choice named varieties of Delphiniums, which should come fairly true from seed; flowers of the largest size.

Amos Perry. Flowers semi-double, rich rosy mauve flushed with sky-blue, dark eye. Per pkt. 15c., 50c. per large pkt.

Duke of Connaught. Rich Oxford blue with a distinct white eye. Per pkt. 15c., 50c. per large pkt.

Mme. Violet Geslin. Semi-double flowers, clear blue, lavender centre with white eye. Per pkt. 15c., 50c. per large pkt.

Portia. Lovely cornflower blue, with dark centre. Per pkt. 15c., 50c. per large pkt.

Queen Wilhelmina. Large flowers of a soft lavender blue, flushed with rose, white eye. Per pkt. 15c., 50c. per large pkt.

Rembrandt. Bright, sky-blue, inner petals rosy lavender. Per pkt. 15c., 50c. per large pkt.

One pkt. each of the above 6 Varieties for 75c.

MOUNTAIN DAHLIA (*Dahlia Purpusii*)

A new species lately discovered by Dr. Purpus growing in Mexico at a great elevation. Fiery scarlet, flat flowers 3 inches in diameter, with wide petals, borne on long stems in great profusion. Per pkt. 25c., 65c. per 3 pkts.

ASTILBE (*Spirea*)**HYBRIDA ROSEA**

By crossing *Spirea Japonica* with the Chinese variety, which two varieties are now on the market and well known, the originator obtained a pink flowering forcing *Spirea*. What is offered now under the above name as an outdoor growing *Spirea*, come from the same seed and has proved a veritable acquisition for the hardy garden. When they are in bloom there is nothing that can excel them in elegance. Each individual plant a year old throws up from 6 to 10 flower spikes. For cutting they are not less useful, as they make splendid vases. The coloring is in all shades of pink, and this variation is even noticeable in the foliage. Per pkt. 25c., 65c. per 3 pkts.

OSTRICH PLUMED CELOSIA**PRIDE OF CASTLE GOULD**

This variety excels all other varieties of this class; plants grow compact and pyramidal, about 2 to 3 feet high, producing immense flower heads, that closely resemble ostrich plumes. Colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture. Per pkt. 20c., 50c. per 3 pkts.

CENTAUREA-PULCHERRIMUS

A perennial variety, originating from the Caucasus Alps and therefore is hardy in our climate; the flowers resemble in appearance the Giant Corn Flower; are from 2 to 3 inches across and of a delicate pink color, and are borne on stems averaging, as a rule, 2½ feet. They are not only showy in the border, but very useful for cutting. Per pkt. 30c., 80c. per 3 pkts.

RAINBOW CORN

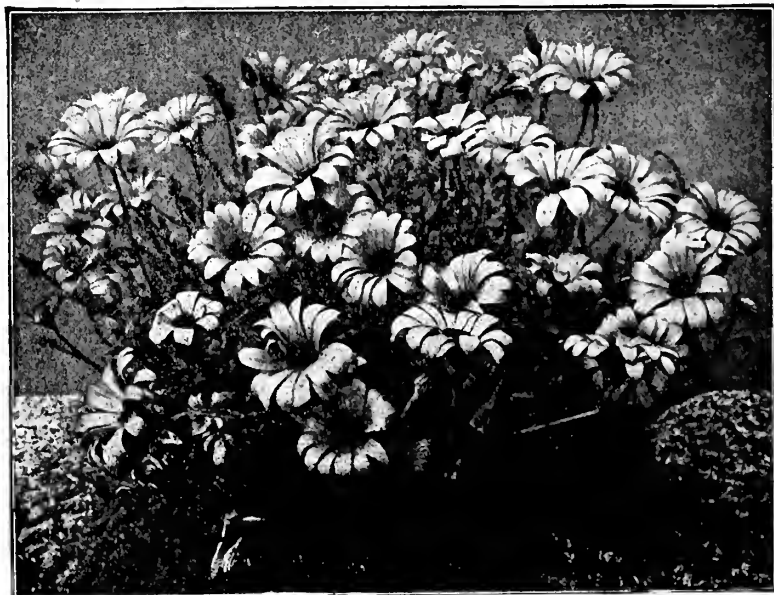
Beautiful as the most showy *Dracenas*; broad stripes of crimson, yellow, white, green, rose and bronze. This has been on exhibition by the California Development Board during the past season and has been the admiration of everyone who saw it; excellent for decorating purposes; as easily grown as field corn. Per pkt. 15c., 40c. per 3 pkts.

NEW DIANTHUS, "SILVERLACE"

A new garden pink, with distinct merits both for cutting and garden effects. The flowers are dark blood red with a uniform white edge round the whole flower, which is slightly fringed. Per pkt. 25c., 65c. for 3 pkts.

DIMORPHOTHECA AURANTIACA**HYBRIDA****New Hybrids in Splendid Mixture**

In habit, growth and foliage, as well as in height and size of bloom the new hybrids are similar to the parent *Dimorphothea Aurantiaca*, which has become so popular since its introduction. The flowers vary in color from the purest white to reddish and bluish white, sulphur, lemon and golden yellow, delicate rose to deep salmon orange, etc., while some flowers show zones of contrasting colors. Per pkt. 30c., 80c. per 3 pkts.

*Dimorphothea-Aurantiaca Hybrida*



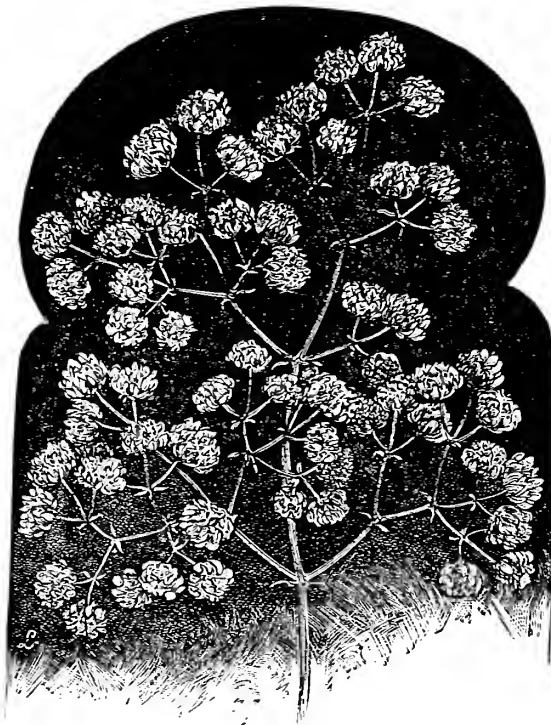
New Hybrid Freesias

NEW HYBRID FREESIAS In All Colors

For centuries we have only known the white and light yellow Freesias; about five years ago the horticultural world was surprised with the news that a French hybridizer had successfully crossed some of the African species with the regular sorts, and as a result we are able to offer to-day Freesias in all the colors of the rainbow; the supply of the bulbs is as yet too limited to be offered in general, and we are pleased to think that we are able to offer seeds of this sensational novelty. Seeds should be sown in the house and with proper care many of the seedlings will flower within 8 months from the date of sowing. The following colors may be expected to be among the seedlings: All shades of pink, red, lilac, violet, yellow and orange. Per pkt. 30c., 80c. for 3 pkts.

GIGANTIC EVENING PRIMROSE OENOTHERA "AMERICA"

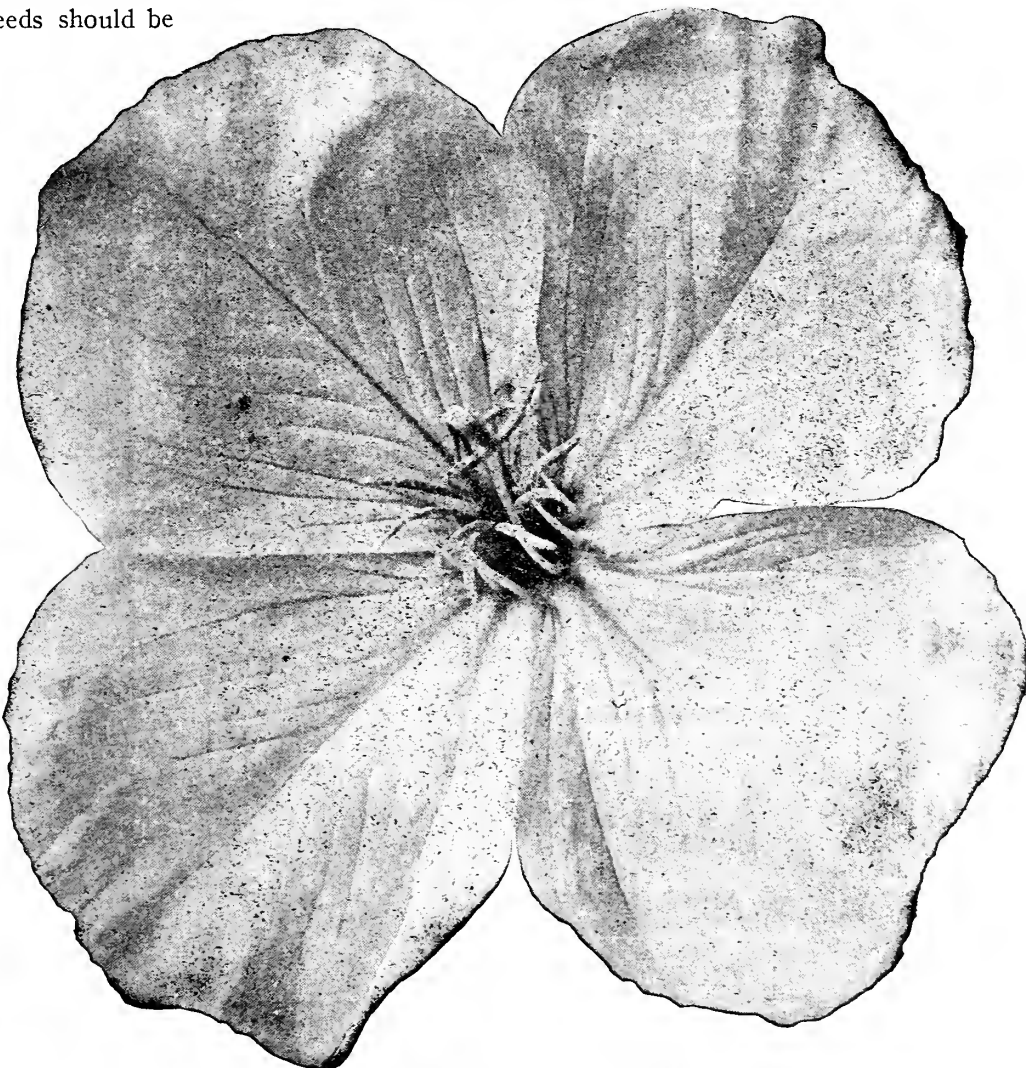
The average gardener loves a flower that has peculiarities or that has features which are extraordinary, because it gives him an opportunity to tell about it when his friends call on him. The flower as named above is most remarkable for it has features which are not possessed by any other flower. The foliage indeed is very unattractive and by appearance the plants are better fitted for the wild garden than for the neat surroundings of a home. But, just the same, it is one of the attractions of any garden, and for this reason, the flowers begin to appear quite early in the season; they never open until it has become dusk, and you step out into the garden after sunset and you see your bed like a sheet of snow, completely covered with flowers often measuring 5 inches across and of the purest white. When they are opening they have the appearance of a poppy, when they fully open they have the appearance of a large Clematis. Now the miraculous thing about these is that during the night they change their color, and in the morning are of a beautiful delicate pink, and as the sun rises the flower gradually closes up and at ten o'clock are entirely closed, so that you really have two spaces of time to admire this flower in. It begins to flower as early as June 15th and remains in bloom the entire season. No doubt this novelty will become very popular. Per pkt. 20c., 50c. per 3 pkts.



Gypsophila-Double White

NEW "DOUBLE BABY'S BREATH" GYPSOPHILA PANICULATA, FL. PL.

The doubling of the flower gives it a distinct yet handsome appearance. The plants flower so free that a small branch cut with highly colored sweet peas gives it the appearance of a multitude of miniature snowflakes gracefully floating over the surface. This variety is perennial and once established it will last for years; color, pure white. Per pkt. 30c., 80c. for 3 pkts.



Oenothera (Evening Primrose) America



Salvia, Michell's Scarlet Glow

NEW SALVIA (Scarlet Sage)
MICHELL'S "SCARLET GLOW"

A new variety of great merit; an improvement on the well-known and popular Zurich; larger flowers and more free flowering than any other variety; plants of dwarf habit, branch freely, and are covered with large flowers of the most brilliant fiery scarlet; blooms very early and continues until frost. Per pkt. 25c., 65c. per large pkt.

LARGE FLOWERING WINTER STOCK
"WHITE LADY"

A new variety growing about 20 inches high, with remarkably handsome foliage; the plants throw up a massive central spike and branching freely in candelabra fashion, finally assume the shape of a pyramidal bouquet; flowers strikingly large, very double and of a lustrous snowy white; blooms early and remains long in flower. Per pkt. 30c., 80c. per 3 pkts.

NEW "NICE" STOCKS

A branching Stock of a different habit from that of other varieties, branches are literally covered with blooms which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain. The seed we offer comes direct from the originator, a thing of which we pride ourselves; fine for garden bedding or cutting.

MIDSUMMER NIGHT

A new variety of great merit; producing, on long stems, large double flowers of a beautiful deep, dark violet. Per pkt. 25c., 65c. per 3 pkts.

LA BRILLIANTE

This magnificent new variety blooms very early; large double flowers; color, rich brilliant crimson. Per pkt. 25c. 65c. per 3 pkts.

MME. RIVOIRE

A new and improved variety which cannot be excelled for its large, double pure white flowers, which are borne on long stems; very early flowering. Pkt. 25c., 65c. per 3 pkts.

Special Offer: One pkt. each of the above 4 varieties of stocks for 90c.

PRIMULA OBCONICA GRANDIFLORA
"CRISPA"

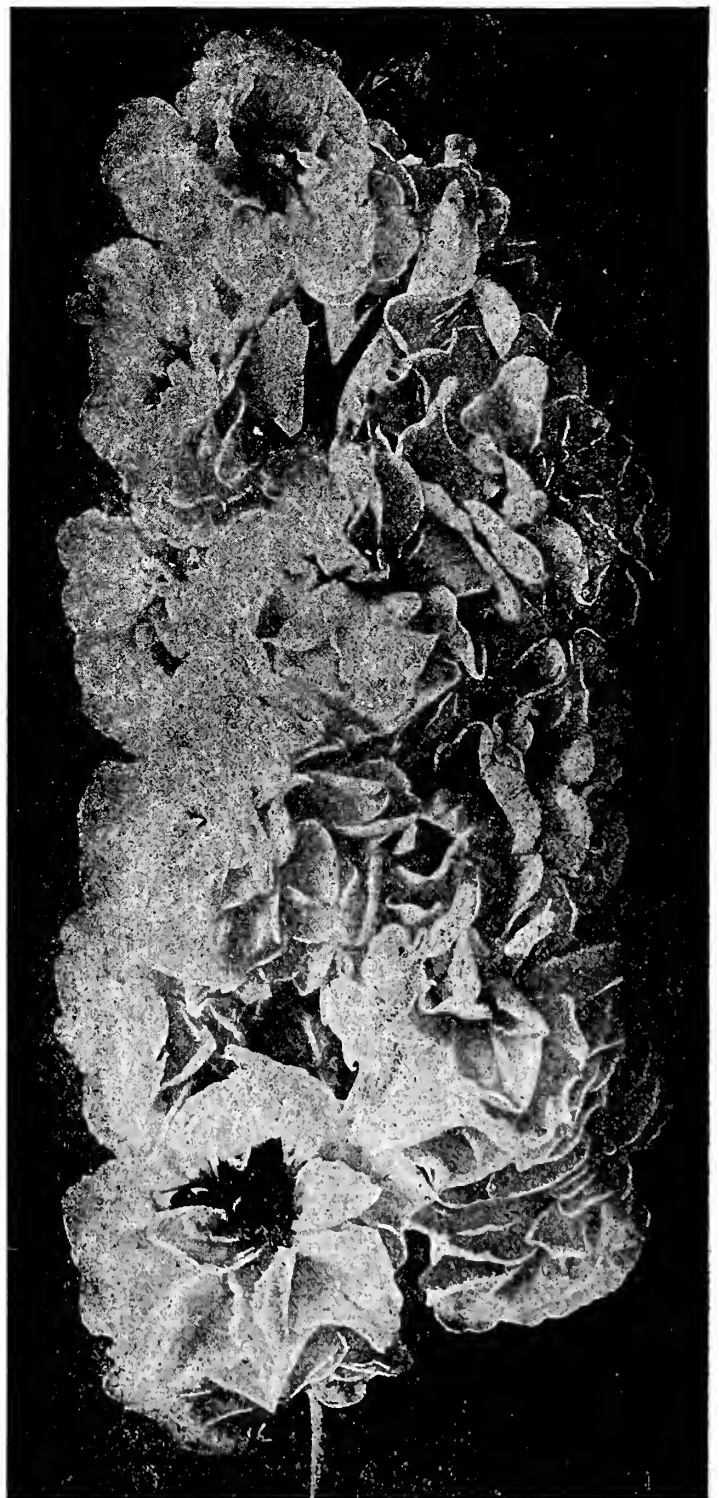
An entirely new form of this splendid plant, the edges of each flower being fringed and creased; fully developed flower clusters have, therefore, a more double appearance, and an elegance which cannot readily be duplicated; the flowers are of extra large size; color, from delicate apple blossom pink to deep pink; a great future is predicted for this novelty. Per pkt. 25c., 65c. per 3 pkts.

PRIMULA "MALACOIDES"

This new variety originated in the forest of Yunnan, China; resembles Primula Forbesi, but its growth is much more sturdy, and the flowers which are borne in whorls on long stems are much larger; color, a pretty light lilac; will bloom in four to five months after sowing. Per pkt. 25c., 65c. per 3 pkts.

NEW DWARF "WHITE" SALVIA

Of compact, dwarf growth; flowers pure white and very attractive. Per pkt. 30c., 80c. per 3 pkts.



Winter Stock—White Lady

New Spencer Sweet Peas of Distinctive Merits

"Spencer" Sweet Peas are distinguished by their most exquisite form of flower, waved petals, their wonderful vigor in plant, stem and flower, and their ability to produce, as a rule, four gigantic blooms on one long, stout stem.

VERMILION BRILLIANT

The most brilliant, iridescent, scarlet Spencer yet produced.

This new variety produces vines that are strong, short jointed and very floriferous, bearing on stout stems 12 to 15 inches in length, 3 and 4 artistically placed flowers; when well grown unlike other scarlet Spencers, the stems frequently produce fours. The flowers are perfect in form; the bold erect standard is well waved and fluted in true Spencer style, of large size; the wings are of the same intense pure scarlet as the standard, making a uniform self-color throughout and absolutely sunproof. For exhibition or garden decoration this variety will take a prominent place.

Original pkts. (12 seeds) 15c., 25c. per 2 pkts.

Original pkts. (25 seeds) 25c., 65c. per 3 pkts.

DUPLEX SPENCER

The "Best of All" Pink Sweet Peas for Bouquets

This new variety produces uniformly large, waved flowers of true Spencer type. In color both the standard and wings are a rich cream-pink, and practically all the plants give flowers with double or triple standards. On the sprays of four blooms each (of which there is a great number) the two lower flowers are double, while sometimes three of the flowers are double. The three-bloom sprays give the one or two lower flowers with twin or triple standards. Even those which have only a single standard are magnificent, uniformly waved and crimped in both standard and wings. Of strong vigorous growth, the vines bear the grand flowers most profusely upon long stiff stems. We feel sure that every one who grows this variety will be delighted with the results.

Original pkt. (15 seeds) 15c., 25c. per 2 pkts.

Original pkt. (30 seeds) 25c., 65c. per 3 pkts.

IRISH BELLE, OR "DREAM"

A superbly beautiful variety that shows quite a new shade in Sweet Peas. The coloring is uniform in both standard and wings,—a lovely rich lilac, flushed with pink, which gives a very distinct and soft tone throughout the entire flower. Of finest Spencer type, waved in both standard and wings, the flowers are of large size and produced on long stems. Throughout the season, even during the extreme heat and drought of July, the flowers come invariably three and four to a stem.

Original pkt. (12 seeds) 15c., 25c. per 2 pkts.

Original pkt. (25 seeds) 25c., 65c. per 3 pkts.

FLORENCE NIGHTINGALE

This is one of the largest and best lavender Spencers yet introduced; the standard is unusually large, pronouncedly waved, yet standing erect and broad, frequently measuring two inches across. The color is a soft clear rich lavender, which is enlivened by a faint sheen of rose pink. The plant is of robust growth, flowering most profusely; stems 12 to 16 inches in length and a large proportion bear four flowers. Per pkt. 15c., 25c. per 2 pkts., per oz. \$1.00.

ETHEL ROOSEVELT

This is a true waved variety of the largest and most perfect Spencer type. The color is a soft primrose, or straw color, overlaid with dainty flakes and splashes of blush crimson; it bunches splendidly and will easily lead in this type of coloring for a long time to come. Per pkt. 15c., 25c. per 2 pkts., per oz. \$1.00.

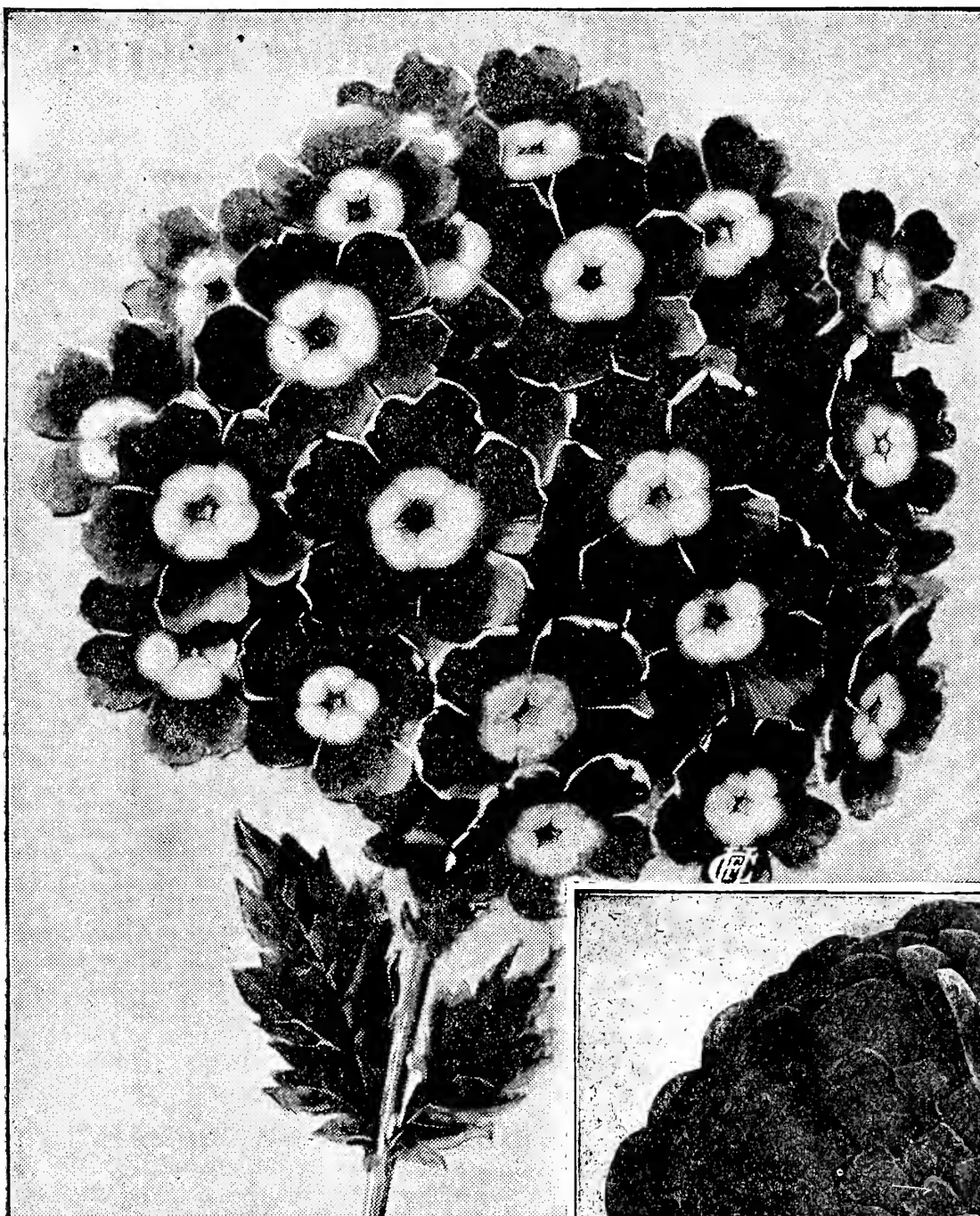
SPECIAL OFFER.

One packet each of the 5 varieties New Spencer Sweet Peas on this page for 65c.

New Spencer Sweet Pea, "Vermilion Brilliant"

VIOLA CORNUTA—G. WERNIG

A new variety introduced from England, which flowers continuously all summer, and on account of its many good qualities it is one of the most popular both in England and Germany. Unfortunately this variety heretofore produced but very little seed, but through the breeder seeds have now been produced more plentiful, but one should not expect more than 50 per cent. to come true; while the flowers have the form of the Viola Cornuta they have the identical color of the Violet, "Princess of Wales"; are borne on long stems in great profusion, it can be used as a substitute for Violets. Per pkt. 25c., 65c. per 3 pkts.



NEW GIANT FLOWERED VERBENAS

IN DISTINCTLY NEW COLORS

Verbenas are among the most useful of garden plants; they are of easiest possible culture and once they begin to bloom, which is very early, they never cease to bloom until the most severe frost kills it. The novelty we offer herewith is not only distinguished by its giant blooms made attractive through a light-colored centre and an exquisite edge of silvery white, but an entire new range of colors, such as Tyrian Rose, Purple Garnet, Turkey Red, Geranium Red, Rosy Scarlet, etc. To make Verbenas flower early, start seeds in the house from February till April; it may also be sown outdoor from May onward and will then flower in August and continue till frost. Height, 1 foot.

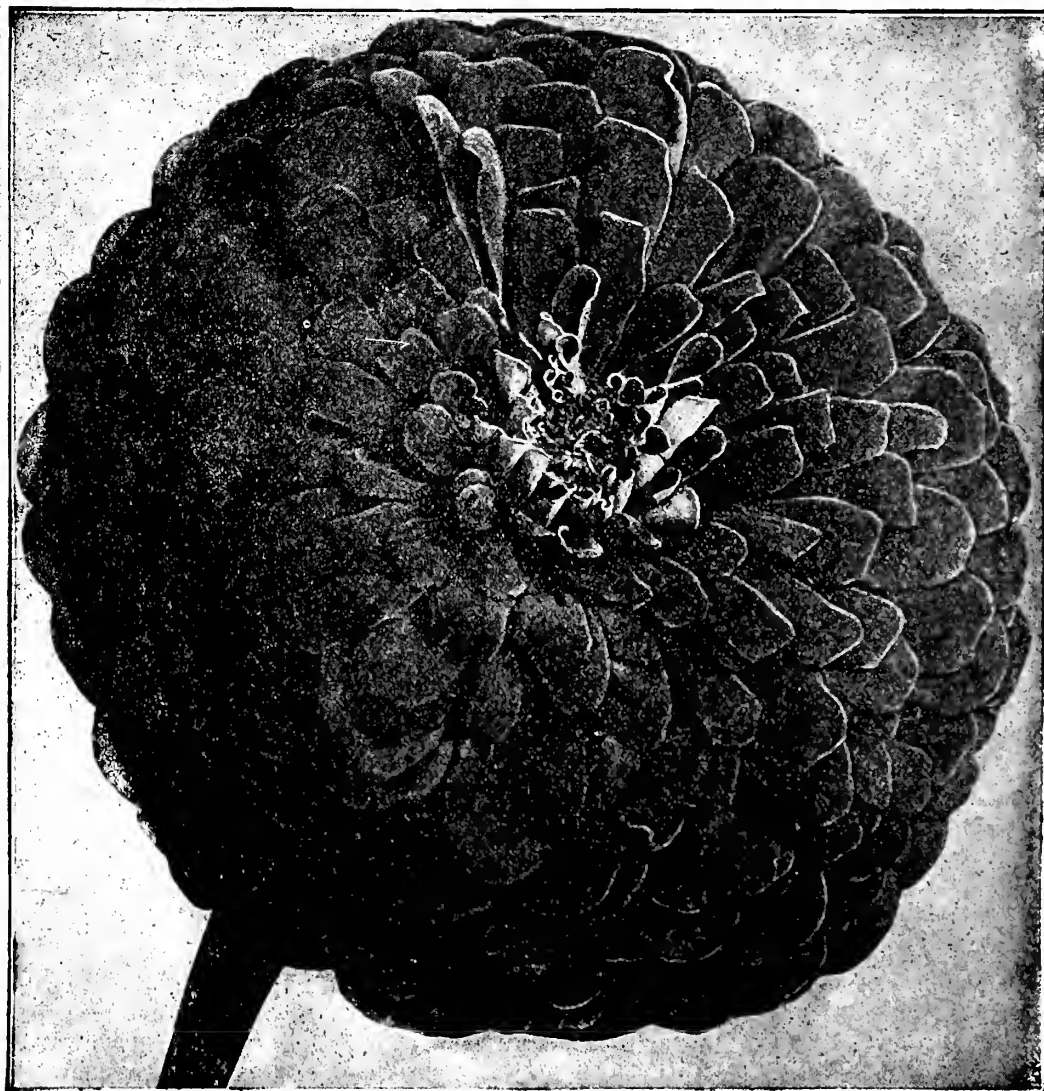
Mixed Colors. Per pkt, 25c., 65c. for 3 pkts.

New Giant Robusta Zinnia

This new form is a wonderful advance in size and shape and gives the plant a most majestic appearance. The plants grow extremely robust to a height of 2½ feet, have stout straight stems dressed with large broad foliage and crowned with a gigantic perfect double flower often measuring 5 to 6 inches across; a revelation to all who are accustomed to the common Zinnia. Splendid for cutting or garden effect.

	¼ oz.	Large Pkt.	Pkt.
Scarlet	\$1.25	\$0.50	\$0.20
White	1.25	.50	.20
Golden Yellow	1.25	.50	.20
Crimson	3 pkts.	65c.	.25
Flesh Color	3 pkts.	65c.	.25
Purple	3 pkts.	65c.	.25
Sulphur Yellow	3 pkts.	65c.	.25
Violet	3 pkts.	65c.	.25
Mixed...oz. 90c.	(Large pkt. 25c.)		.10

Special Offer: One pkt. each of the above 8 separate colors for \$1.60.



New Giant Robusta Zinnia

MICHELL'S "DISTINCTIVE" FRESH TESTED FLOWER SEEDS

Our flowerseeds have a reputation for their *superior quality* and for the *excellent results* obtained by sowing them. It is our constant endeavor to supply only such *varieties and strains* that will give the best of satisfaction.

Throughout the following pages of Flower Seeds the different varieties are designated as Annuals, Biennials, Perennials, etc., and for the benefit of those who are not familiar with these terms, we wish to make the following brief explanation:

Annuals. These grow and bloom, mature their seed and then die in the same year, such as Asters, Balsams, Poppies, Sweet Peas, Morning Glories, etc., and may be sown in the house from March to May, or outdoors after danger from frost is over.

Biennials. These grow from seed sown during mid-summer, flowering the second year, after which they die; many of the varieties bloom the first season if sown early. In this class we have Pansies, English Daisies, Campanula Medium, Dianthus, etc.

Perennials. Those which live from year to year, such as Aquilegia, Delphinium, Foxgloves, etc. Seed may be sown outdoors from June to September and transplanted late in fall into their permanent quarters, and protected during winter with a light litter of straw or leaves. The hardy perennials not usually needing any protection after the first winter; the half-hardy perennials require protection during the winter, and the tender perennials during the winter require greenhouse protection.

**A COMPLETE INDEX FOR FLOWER SEEDS WILL BE FOUND IN FRONT OF CATALOGUE
FOR NOVELTIES, SEE PAGES 58 TO 64. PLEASE USE NUMBERS WHEN ORDERING**

ABUTILON (Chinese Bell Flower)

- 15 **Choice Mixed.** Used extensively for ornamental bedding, also valuable for flowering indoors during the winter; seed should be started in heat from January till March; foliage is of maple form and has variegated coloring; flowers bell-shaped; height, 3 feet Large pkt. Pkt. \$0.40 \$0.10

ACHILLEA (Milfoil or Yarrow)

- 20 **Parmica, Fl. Pl., "The Pearl."** Tall erect plant bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 feet.. .30 .10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; height, 4 feet; Aug.-Sept.

- 25 **Napellus, Blue** Large pkt. Pkt. \$0.25 \$0.05
27 " **White**40 .05

ACROCLINIUM (Everlasting Flower)

The flowers should be picked before they expand and hung with the tops downward to dry; annual; 1 foot. Large pkt. Pkt.

- 33 **Single Mixed** \$0.15 \$0.05
34 **Double Mixed**15 .05

ADLUMIA (Mountain Fringe or Allegheny Vine)

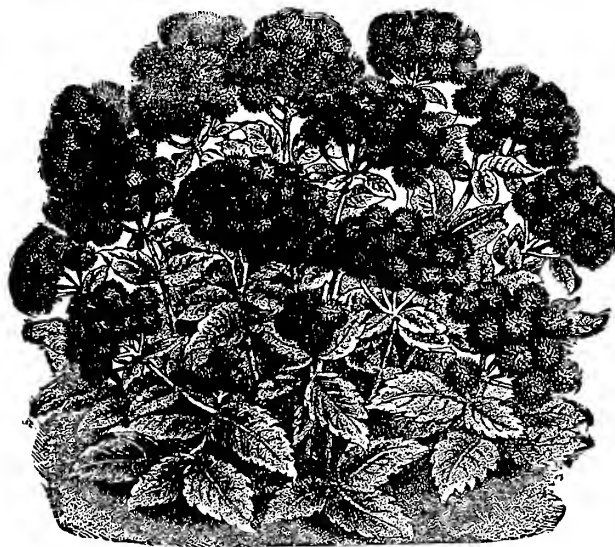
- 37 **Cirrrosa.** A charming hardy biennial climber, blooming the first season; delicate, feathery foliage, rose-colored flowers; 15 feet25 .10

ADONIS

- 40 **Aestivalis (Flos Adonis or Pheasant's Eye).** Hardy annual; pretty fine cut foliage and dark crimson flowers; height, 1 foot15 .05
42 **Vernalis (Ox Eye).** One of the choicest spring flowering perennial plants; finely cut, ornamental foliage, yellow flowers; 1 foot15 .05

AGROSTEMMA

- 66 **Coronaria (Mullein Pink).** Stout erect growing plants with silvery foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; July and August15 .05



Ageratum, Blue Perfection

AGERATUM (Floss Flower)

An excellent plant for edging or solid effects. For early bloom sow indoors from March till May; sown outdoors in May will flower in August. A continuous bloomer.

- | | Large pkt. | Pkt. |
|---|------------|--------|
| 50 Blue Perfection. Large heads of deep blue flowers produced in abundance; 15 inches..... | \$0.20 | \$0.10 |
| 61 Little Blue Star. Exceedingly dwarf and pretty; plants densely covered with bright blue flowers; height, 5 inches | .50 | .15 |
| 54 Imperial Dwarf Blue. A compact growing plant; height, 9 inches | .15 | .05 |
| 56 Imperial Dwarf White | .15 | .05 |
| 58 Imperial Dwarf Mixed | .15 | .05 |
| 52 Cope's Pet. Azure blue, 6 inches | .20 | .10 |
| 62 Princess Victoria Louise. Light blue, white eye | .30 | .10 |
| 60 Grandiflorum Album. Extreme large flowers of purest white; height, 1 foot | .15 | .10 |

You will find some valuable Novelties offered on pages 58 to 64.



Alyssum

ALYSSUM

One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases.

- | | | |
|---|-----------|---------------|
| 71 Little Gem. Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches; oz. 50c. | Lge. pkt. | Pkt. |
| | | \$0.15 \$0.05 |
| 74 Little Dorritt. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges; oz. 75c. | | .20 .05 |
| 73 Sweet. The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches; oz. 25c. | | .15 .05 |
| 72 Saxatile Compactum (<i>Basket of Gold</i>). An ideal hardy perennial plant for the spring garden, flowering in May; silvery foliage with showy golden yellow flowers; blooms the first season if sown early indoors; 1 foot. | oz. 50c. | .15 .05 |

AMARANTHUS

Decorative foliage plants, easily raised from seed, either by starting them early indoors or sown outdoors in May.

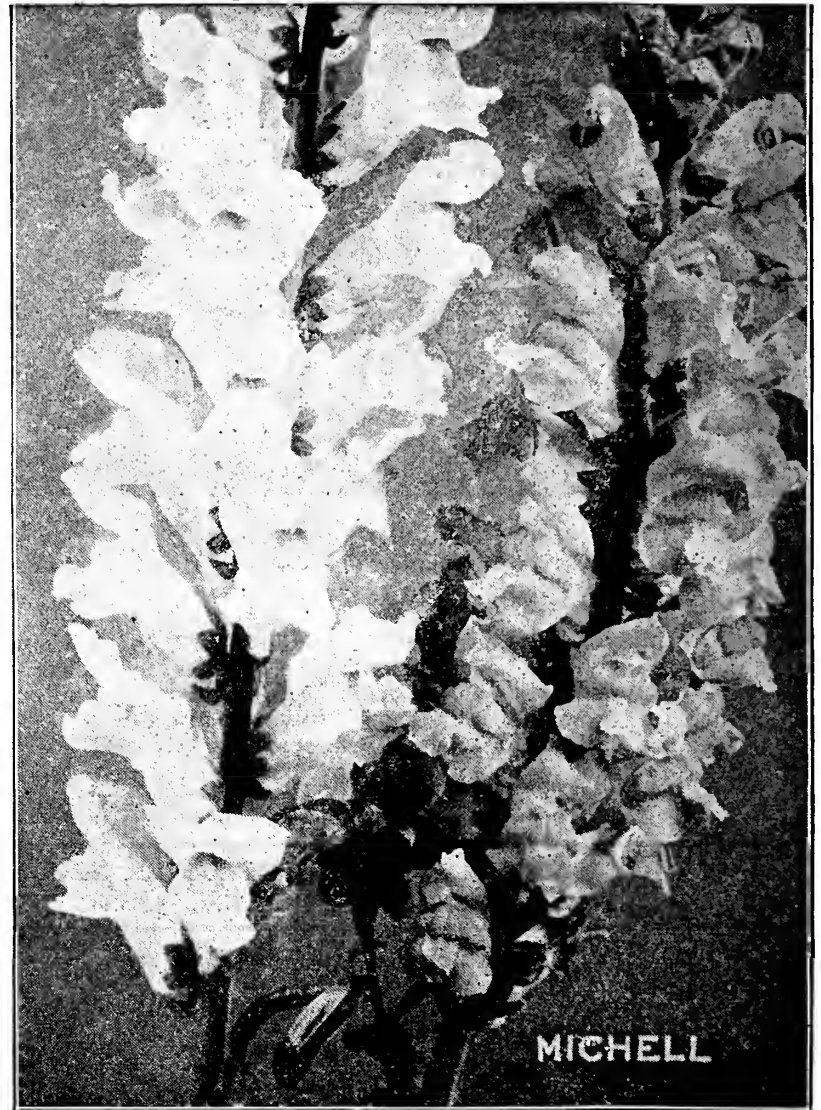
- | | | |
|---|------------|---------------|
| 80 Caudatus (<i>Love Lies Bleeding</i>). Drooping crimson racemes | Large pkt. | Pkt. |
| | | \$0.15 \$0.05 |
| 86 Sunrise. Bronzy crimson foliage shading off to bright scarlet leaves toward top of stalks. | | .30 .10 |
| 88 Tricolor Splendens (<i>Joseph's Coat</i>). Leaved red, yellow and green | | .20 .05 |
| 90 Mixed. All sorts | | .15 .05 |

AMPELOPSIS (*Boston or Japanese Ivy*)

- | | | |
|--|--|---------|
| 100 Veitchi. A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn; one of the best hardy vines for covering brick or stone buildings; oz. 40c. | | .15 .10 |
|--|--|---------|

ANCHUSA (*Sea Bugloss*)

- | | | |
|--|--|---------|
| 102 Italica "Dropmore." A strong growing hardy perennial plant, 4 feet high, with rough hairy foliage and long heads of bright blue flowers. | | .40 .15 |
|--|--|---------|

Giant Snapdragon (*Antirrhinum*)**ANTIRRHINUM** (*Snapdragon*)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter. To have flowers early sow indoors from February till May, but even if sown outdoors in May it will flower profusely in September. If properly protected during the winter they will revive and throw up gigantic spikes of flowers during the summer.

MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length, dressed with giant flowers of the purest colors.

- | | | |
|---|------------|---------------|
| 113 Giant Pink | Large pkt. | Pkt. |
| | | \$0.25 \$0.10 |
| 114 " Scarlet | | .25 .10 |
| 121 " Striped | | .25 .10 |
| 115 " White | | .25 .10 |
| 116 " Yellow | | .25 .10 |
| 117 " Mixed. All colors | | .20 .10 |
| 125 " Double White (<i>New</i>) | | .25 .10 |
| 122 Tall Mixed. A fine selection | oz. 40c. | .15 .05 |
| 124 Imported Collection, 10 Tall Varieties | | .40 .10 |

SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extreme large flowers over most part of the stem.

- | | | |
|--|------------|---------------|
| 111 Daphne. Carmine pink, white throat | Large pkt. | Pkt. |
| | | \$0.40 \$0.15 |
| 110 Firefly. Bright scarlet | | .20 .10 |
| 119 Golden Queen. Golden yellow, giant flower. | | .20 .10 |
| 120 Queen of the North. Of purest white | | .20 .10 |

DWARF ANTIRRHINUMS

Grow but 12 inches high; suitable for edges in the garden.

- | | | |
|--|--|---------|
| 118 Golden Sun. Foliage yellow, flowers rosy white with crimson spots | | .40 .15 |
| 112 Dwarf Mixed. All colors | | .20 .05 |
| 123 Imported Collection, 10 Dwarf Varieties | | .40 .10 |

*Anemone, St. Brigid***ANEMONE (Wind Flower)**

A dainty spring flower with bright cup-shaped blossoms splendid for cutting; perennial.

	Large pkt.	Pkt.
105 <i>Coronaria Mixed</i> . 2 feet; all colors	\$0.20	\$0.05
107 <i>St. Brigid, or Poppy</i> . Flowers of large size with distinct rainbow rings in centre .....	.40	.15

*Arctotis Grandis***ARCTOTIS (African Daisy)** Large pkt. Pkt.

150 <i>Grandis</i> . Bushy annual plants, producing the entire season, on long stems, large daisy-like flowers, pure white on the upper surface, the reverse side of petals lilac-blue; 2 feet	\$0.20	\$0.10
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ARUNDO, Ornamental Grass. (See page 80)

*Aquilegia—Long Spurred***AQUILEGIAS OR COLUMBINES**

An elegant, graceful, beautiful spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

	Large pkt.	Pkt.
139 <i>Long Spurred Hybrids</i> . A great assortment of all varieties possessing long spurs	\$0.40	\$0.10
129 <i>Canadensis</i> . Scarlet and yellow .....	.25	.05
130 <i>Chrysantha</i> . Bright golden yellow .....	.25	.10
131 " <i>Alba</i> . Purest white .....	.30	.10
128 <i>Californica Hybrida</i> . All colors, long spurs....	.25	.10
132 <i>Coerulea (Rocky Mountain Columbine)</i> . Large flowers, violet blue and white .....	.40	.10
136 <i>Glandulosa</i> . Lavender and white .....	.40	.15
133 <i>Haylodgensis Delicatissima</i> . Satiny rose .....	.50	.20
137 <i>Nivea Grandiflora</i> . Pure white .....	.15	.05
138 <i>Rose Queen</i> . Pink, white centre .....	.50	.20
134 <i>Single Mixed</i>	oz. 35c.	.15 .05
135 <i>Double Mixed</i>	oz. 35c.	.15 .05

ARABIS (Rock Cress)

144 <i>Alpina</i> . Early spring Flowering plant especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; perennial; May; 6 inches20	.05
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ASPARAGUS

100 Seeds Pkt.

160 <i>Plumosus Nanus</i> . An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut	\$1.00	\$0.25
162 <i>Sprengeri</i> . One of the best plants to grow in hanging baskets, for greenhouse or for outdoors in the summer .....	.50	.10

ASPERULA (Woodruff)

Large pkt. Pkt.

165 <i>Odorata</i> . Dwarf spring flowers of purest white, thrives in shady situations; perennial; 1 foot; May20	.05
--	-----	-----

COLLECTIONS OF FLOWER SEEDS

Collection of Annuals. Containing 8 distinct sorts.....	\$0.35
Collection of Annuals. " 12 distinct sorts.....	.50
Collection of Annuals. " 18 distinct sorts.....	.75
Collection of Annuals. " 24 distinct sorts.....	1.00
Collection of Perennials. " 12 distinct sorts.....	.40
Collection of Perennials. " 25 distinct sorts.....	.75

MICHELL'S SUPERB ASTERS

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From July till September this flower reigns supreme in the garden, not equalled by any other. For these obvious reasons we give, perhaps, more attention to these flowers than any other and are in position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. Many of the strains we offer are grown under our own supervision by specialists in this country, others are imported from most reliable sources. To have early flowers sow the seed in the house from March till May; otherwise sow outdoors after danger from frost has passed.



New Crego Aster

ASTERS

To do well, require a well pulverized soil, always kept open by continuous cultivation. If soil is heavy and mostly composed of clay, it is well to mix sand with it.

NEW

CREGO ASTER

Our illustration can do but partial justice to this grand flower. The twisted and curled petals give the flower the appearance of a huge flat chrysanthemum. The flowers are the largest of any Aster we know of; often measure 5 inches in diameter. The strong erect stems average 20 to 24 inches in length. Though the flowers are large they are produced in abundance.

		Large Pkt.	Pkt.
199	White, oz.		
	\$2.50	\$0.50	\$0.15.
198	Shell Pink, oz.		
	\$2.50 .....	.50	.15.
202	Rose Pink, oz.		
	\$3.00 .....	.50	.15.
200	Lavender, oz.		
	\$3.00 .....	.50	.15.
201	Purple, oz.		
	\$3.00 .....	.50	.15.
203	Mixed, oz.		
	\$2.50 .....	.50	.15.

251 NEW ASTER, LADY ROOSEVELT

We can truthfully claim that this is one of the finest Asters. The flowers resemble huge incurved Chrysanthemums; the color is a gorgeous pink, of marvelous beauty. The robust plants produce stout stems invariably 40 inches long, crowned with gigantic flowers. The seed we offer is selected from original specimens and then re-cleaned; so it must give absolute satisfaction. Large pkt., 65c.; pkg., 25c.

EARLY WONDER ASTER

Indeed the earliest of all Asters. The form is that of "Giant Comet" type; the flowers are large and very double; stems average 18 inches.

	Oz.	Large Pkt.	Pkt.
228	White	\$3.00	\$0.50 \$0.10.
227	Pink	3.00	.50 .10.

For the New Aster, Michell's "Pink Superb," see Novelty Pages

MICHELL'S IMPROVED SEMPLER'S BRANCHING ASTER

This is the finest late Aster we can recommend. The deep, heavy incurved flowers are borne on rigid stems often 2 feet and more in length. The colors are superb and can be used to advantage as a cut flower. What we offer is not the aster which is usually known by that name, but something much superior, as we are extremely critical in the selection of specimen for seeding. During the past season we have received numerous testimonials on the strength of the quality of this aster.

	Oz.	Large Pkt.	Pkt.
262 White	\$1.50	\$0.40	\$0.10
259 Shell Pink	1.50	.40	.10
257 Lavender	1.50	.40	.10
258 Rose Pink	1.50	.40	.10
260 Purple	1.50	.40	.10
261 Crimson	1.50	.40	.10
263 Choice Mixed	1.50	.40	.10
264 Our Collection (one packet each of above 6 colors) .....			.50

MICHELL'S INVINCIBLE ASTER

Healthy, robust plants of branching growth, produce, on 2 foot long stems, massive pæony formed flowers, which are always perfectly double. They begin to flower quite early in summer and remain perfect until checked by frost.

	Oz.	Large Pkt.	Pkt.
239 White	\$2.25	\$0.40	\$0.10
238 Rose Pink	2.25	.40	.10
237 Lavender	2.25	.40	.10
235 Blue	2.25	.40	.10
236 Crimson	2.25	.40	.10
239a. Mixed. All colors	2.25	.40	.10
248 Our Collection (one Packet each of above 5 colors)...			.40

ASTER, QUEEN OF THE MARKET (Extra Early)

Very desirable on account of its earliness and the freedom in which it flowers. Well formed flowers are produced on 12-inch stems in the greatest profusion early in July.

	Oz.	Large Pkt.	Pkt.
279 White	\$1.00	\$0.25	\$0.10
277 Blush Pink	1.00	.25	.10
274 Rose Pink	1.00	.25	.10
276 Light Blue	1.00	.25	.10
275 Dark Blue	1.00	.25	.10
278 Crimson	1.00	.25	.10
280 Choice Mixed	1.00	.25	.10
273 Our Collection (one packet each of above 6 colors)...			.50
281 Imported Collection of 8 Colors .....			.60

EARLY BRANCHING ASTER

Of the same form and habit as "Michell's Improved Sempler's Branching," but fully two weeks earlier.

	Oz.	Large Pkt.	Pkt.
217 Pure White	\$2.00	\$0.40	\$0.10
216 Rose Pink	2.00	.40	.10



Aster—Michell's Improved Sempler's Branching

CARLSON IMPROVED ASTER

A beautiful flower for the mid-summer season. Perfect, well formed, large flowers are carried erect on stout straight stems 18 inches long; fine for cutting or garden effect.

	Oz.	Large Pkt.	Pkt.
178 White	\$2.00	\$0.40	\$0.10
176 Pink	2.00	.40	.10
174 Lavender	2.00	.40	.10
177 Dark Pink	2.00	.40	.10
179 Choice Mixed	2.00	.40	.10
175 Our Collection (one packet each of above 4 colors)....			.30

PAEONY-FLOWERED PRIZE ASTER (Truffaut's)

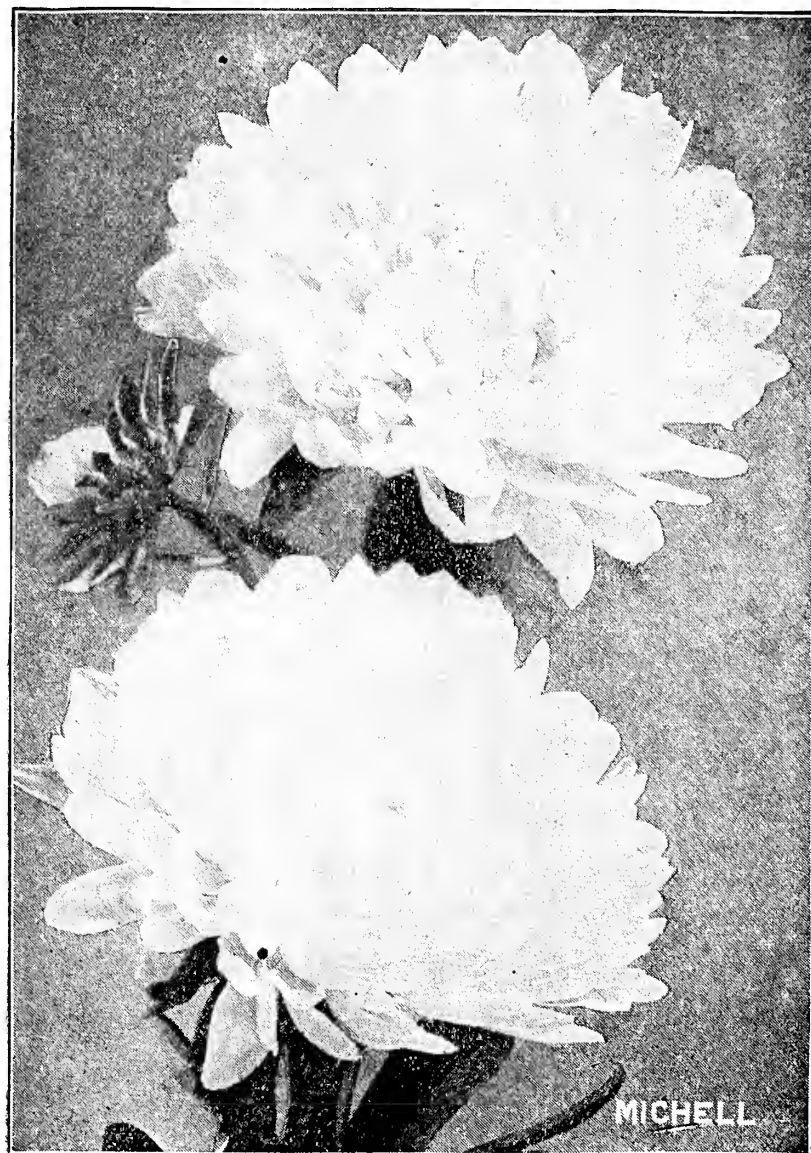
Perfectly shaped flowers, each petal regularly incurved to meet at the centre, carried straight on stems 18 inches high. Individual plants are very compact and therefore splendid for garden effect.

	Oz.	Large Pkt.	Pkt.
304 White	\$2.00	\$0.40	\$0.10
302 Pink	2.00	.40	.10
301 Light Blue	2.00	.40	.10
303 Purple Violet	2.00	.40	.10
300 Crimson	2.00	.40	.10
305 Choicest Mixed	2.00	.40	.10
307 Our Collection (one pkt. each of above 5 colors).....			.40
306 Imported Collection of 12 Colors .....			.75

GIANT COMET ASTER

A flower of exquisite form, similar to the Hohenzollern and resembling Japanese Chrysanthemums; petals are curled downward at the tips and resembles ostrich feathers.

	Oz.	Large Pkt.	Pkt.
194 White	\$2.00	\$0.40	\$0.10
192 Peach Blossom	2.00	.40	.10
193 Pink and White	2.00	.40	.10
190 Light Blue	2.00	.40	.10
189 Dark Blue	2.00	.40	.10
191 Crimson	2.00	.40	.10
195 Choice Mixed	2.00	.40	.10
197 Our Collection (one pkt. each of above 6 colors).....			.50
196 Imported Collection of 12 Colors .....			.75



Michell's Purity Aster

FIVE VALUABLE ASTERS OF THE "DAYBREAK" TYPE

The Daybreak class forms strong plants of symmetrical growth; flowers large, perfectly double and carried on long, erect stems, seldom less than 18 inches in length.

- | | | | | | |
|-----|--|--------|--------|--------|------|
| 270 | Michell's Purity (White Daybreak). | Oz. | Large | pkt. | Pkt. |
| | Very free flowering; plants are literally one mass of snow white flowers..... | \$3.00 | \$0.40 | \$0.10 | |
| 205 | Pink Daybreak. Flowers large, double and of a delicate pink | 3.00 | .40 | .10 | |
| 250 | Lavender Daybreak. Large flowers of a beautiful shade of lavender | 3.00 | .50 | .15 | |
| 253 | Lemon Drop (Yellow Daybreak). Flowers perfect and symmetrical in form, and of a decided yellow color | 3.00 | .50 | .15 | |
| 284 | Salmon King (Salmon Daybreak). A splendid addition to the Daybreak class; the color is not only novel, but of a very pleasing shade | 3.00 | .50 | .15 | |

NOTE.—One packet each of the above five varieties of Asters for 50 cents.

LAVENDER GEM ASTER

- | | | | | |
|-----|---|--------|--------|--------|
| 252 | Lavender. A beautiful variety of the Comet type, with large perfectly double flowers of a delicate shade of lavender; 2 feet | \$2.50 | \$0.50 | \$0.15 |
|-----|---|--------|--------|--------|

NEW ASTER—PINK BEAUTY

- | | | | | |
|-----|--|------|-----|-----|
| 268 | An excellent variety of the Chrysanthemum Flowered type; of strong upright growth, and producing an abundance of immense, double flowers, inner petals incurved, outer reflexed; color, a soft, delicate bluish pink.. | 3.00 | .50 | .15 |
|-----|--|------|-----|-----|

IMPROVED VICTORIA ASTER

A compact upright growing plant with stout stems and deep, full flowers of large size; height, 18 inches.

- | | | | | |
|-----|---|--------|--------|--------|
| 324 | White | \$2.50 | \$0.40 | \$0.10 |
| 321 | Pink | 2.50 | .40 | .10 |
| 320 | Light Blue | 2.50 | .40 | .10 |
| 322 | Purple | 2.50 | .40 | .10 |
| 323 | Scarlet | 2.50 | .40 | .10 |
| 325 | Choice Mixed | 2.50 | .40 | .10 |
| 319 | Our Collection (one packet each of above 5 colors).... | | .40 | |
| 326 | Imported Collection of 8 Colors | | .60 | |

VICK'S BRANCHING ASTER

- | | | | |
|-----|---|-----|-----|
| 310 | White. Bears large double pure white flowers on long stems; 2 feet; oz. \$1.75 | .30 | .10 |
|-----|---|-----|-----|

VICK'S MIKADO ASTER

Plants of unusual vigor and branching habit produce flowers of immense size with long narrow gracefully reflexed petals. A single plant usually has from 12 to 15 long, graceful stems with flowers $4\frac{1}{2}$ to 6 inches in diameter.

- | | | | |
|-----|---------------------------|--------|--------|
| 308 | Shell Pink | \$0.50 | \$0.15 |
| 309 | Purest White | .50 | .15 |

ROYAL PURPLE ASTER

299 A new variety of dwarf growth, flowers large, petals flat and incurved; color a rich shade of purple. Oz. \$2.50, large pkt. 40c., pkt. 10c.

WHITE FLEECE ASTER Large pkt. Pkt.

- | | | | |
|-----|---|--------|--------|
| 318 | A new variety of the Comet type; flowers very large and double; pure white; oz. \$2.50..... | \$0.50 | \$0.15 |
|-----|---|--------|--------|

CHINA OR GERMAN ASTER

- | | | | |
|-----|--|-----|-----|
| 180 | Mixed. Mixture of all sorts and colors; oz. 60c. | .20 | .05 |
|-----|--|-----|-----|

SINGLE FLOWERING ASTER

- | | | | |
|-----|---|-----|-----|
| 327 | Choice Mixed. Very effective in beds or borders producing large, brilliant daisy-like flowers, on long stems; 18 inches; oz. 75c. | .20 | .10 |
|-----|---|-----|-----|

PERENNIAL ASTER (Michaelmas Daisy)

- | | | | |
|-----|---|-----|-----|
| 328 | Choice Mixed. One of the showiest of our late flowering, perennial plants; star-like, single flowers; if sown early in spring will flower the first season; 2 feet | .30 | .10 |
|-----|---|-----|-----|



Violet King Aster

KING ASTERS

Habit of growth similar to the Branching Aster. In form the flower is distinct; petals resemble the quilled varieties but are larger and broader, those in the centre being curled and incurved

- | | | | | |
|-----|---|--------|--------|--------|
| 282 | Rose King. Deep rose color | \$2.50 | \$0.50 | \$0.15 |
| 316 | Violet King. Soft violet lilac | 2.00 | .50 | .10 |

See Novelty pages for the New Aster, "Pink Superb"

AURICULA (Primula Auricula) Large pkt. Pkt.

410 **Choice Mixed.** These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 1 foot; May..\$0.50 \$0.10

AVENA, Ornamental Grass (See page 80)

BALLOON VINE (Love-in-a-Puff)

Oz. Pkt.

420 A rapid growing annual climber, with white blossoms; seed pods look like miniature balloons..\$0.20 \$0.05

BALSAM APPLE

(Momordica)

440 Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit which when ripe opens, showing a brilliant crimson interior. Oz. 30c.. pkt. 5c.

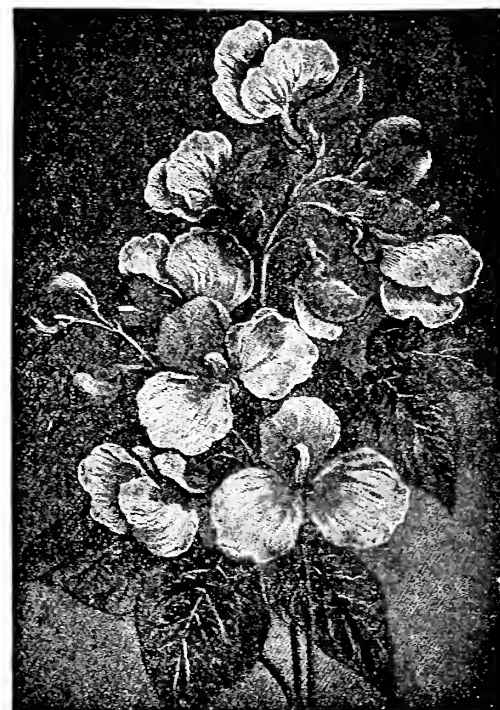
BAPTISIA

(False Indigo)

442 **Australis.** A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July. Large pkt. 20c., pkt. 5c.

BARTONIA

443 **Aurea.** A free blooming showy plant with large golden yellow flowers; thrives well in partial shade; 18 inches. Large pkt. 15c., pkt. 5c.



Butterfly Runner Bean

BEAN (Runner)

A rapid climber, flowering profusely; grows 10 to 15 feet high.

444 **Butterfly Runner.** A new and distinct variety; the flowers are of large size and borne in great profusion; color, pink and white. Oz. 10c., pkt. 5c.

445 **Scarlet.** Pint, 20c., pkt. 5c.

446 **White.** Pint 20c., pkt. 5c.

BEGONIA (Semperflorens Type)

The value of flowering Begonias as bedding plants has been fully established and the gorgeous effects they have produced have placed them in the front rank of bedding plants. Seeds sown in February or March under glass will produce nice plants for planting out in June.

Large pkt. Pkt.

471 **Vernon.** Rich orange carmine flowers and bronzy-red foliage\$0.30 \$0.10

455 **Anna Regina.** Rose-colored flowers65 .15

459 **Erfordia.** Delicate pink, one of the choicest.... .40 .15

463 **Queen of Carpet Bedder.** Of compact dwarf growth and in appearance the same as "Vernon" .40 .15

473 **Zulu King.** Blood red flowers and dark red leaves and stem65 .15

467 **Choice Mixed.** All sorts and varieties..... .40 .10

BEGONIA, GRACILIS

This is undoubtedly the finest outdoor flowering Begonia; plants are literally covered with flowers; height, 1 foot.

Large pkt. Pkt.

458 **Gracilis Rosea.** Light pink\$0.40 \$0.15

457 " **Luminosa.** Deep red50 .20

456 " **Alba.** Pure white40 .15

BEGONIA, REX HYBRIDS

464 Beautifully formed leaves with colored markings; a popular house plant; choice mixed\$0.65 \$0.25

BEGONIA, TUBEROUS ROOTED

These magnificent flowers are becoming very popular because they are of easy culture and are extremely showy; thrive best in semi-shady situations.

Large pkt. Pkt.

461 **International Prize, Single.** The seed we offer is saved from the finest specimens and only the largest flowers \$0.25

469 **Single Choice Mixed**\$0.65 .15

470 **Double Choice Mixed**25

Balsam-Camellia Flowered

MICHELL'S "DISTINCTIVE" BALSAM
(Lady's Slipper)

These old-fashioned flowers have been much improved, and what we offer is a revelation to those who have never seen them. Give Balsams plenty of room and they will develop to immense plants with gorgeous flowers. They are of easiest possible culture and will surely succeed anywhere; height, 2 feet.

	Oz.	Large pkt.	Pkt.
425 Camellia Flowered, Pink	\$1.00	\$0.25	\$0.05
427 " " Scarlet	1.00	.25	.05
429 " " White Perfection ..	1.50	.30	.10
426 " " Prince Bismarck.			
Rich salmon pink.	1.50	.30	.10
431 " " Choicest Mixed ...	.75	.20	.10
432 Fine Mixed .....	.50	.15	.05
433 Imported Collection of 6 Colors .....			.30

BELLIS PERENNIS (See Daisy)**BOLTONIA** (False Chamomile)

- 481 **Latisquama.** A tall, late flowering plant with large pkt. Pkt.
aster-like flowers of pinkish lavender; perenn-
ial; 6 feet; September \$0.30 \$0.10

BRACHYCOME (Swan River Daisy)

- 485 **Iberidifolia.** A profuse flowering annual with
small blue flowers resembling those of the
Cineraria; 9 inches20 .05

BRIZA MAXIMA—ORNAMENTAL GRASS (See page 80)**BROMUS—ORNAMENTAL GRASS** (See page 80)**BROWALLIA**

One of our favorite bedding plants, producing beautiful flowers during the summer and autumn months; grows freely in any rich soil; blooms finely in the winter if sown in August; 18 inches. Seed may be started in the house from March till May. Lge. pkt. Pkt.

- 500 **Elata Coerulea.** Large sky-blue flowers \$0.20 \$0.05

- 502 **Speciosa Major.** Large-flowering variety of
brilliant ultramarine blue; desirable as a pot
plant for winter and early spring flowering.... .30 .10

**Calendula—Pot Marigold****CALENDULA** (Pot Marigold)

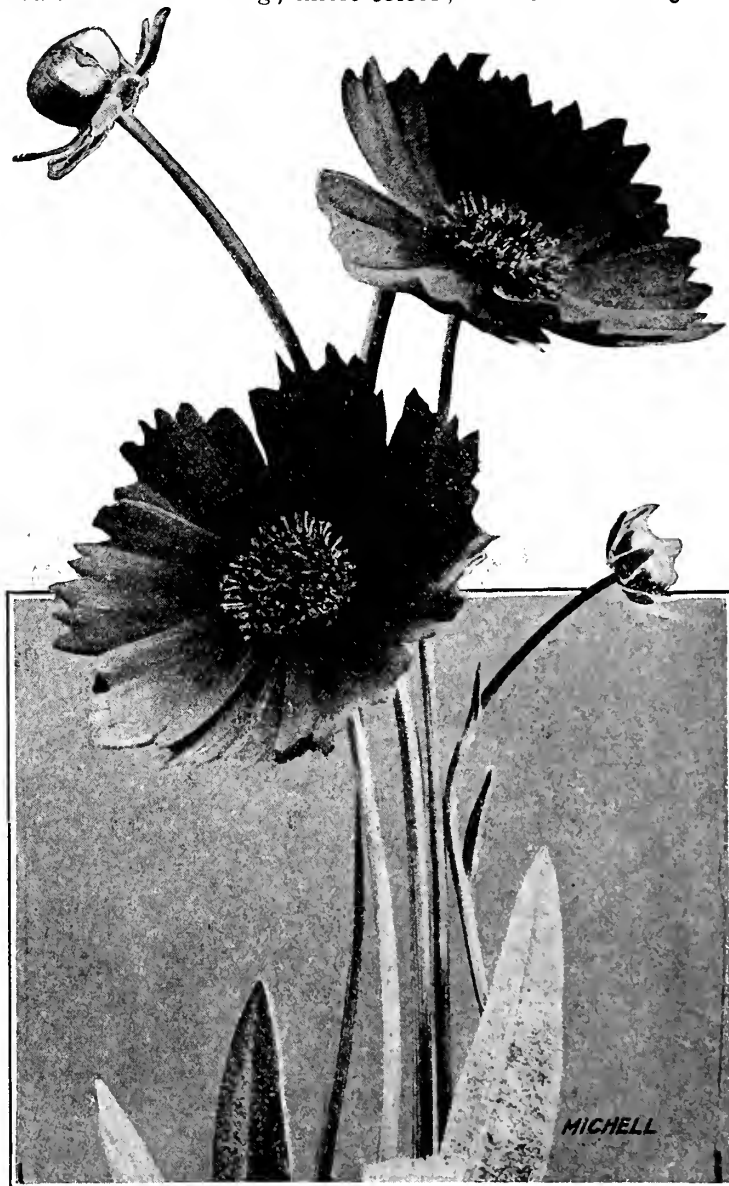
Few annuals are of easier culture; sown in May outdoors they are in bloom within six weeks after sowing and remain in bloom after everything has been killed by frost. They may also be successfully grown in pots indoors.

- | | Oz. | Pkt. |
|--|--------|--------|
| 526 Meteor. Large yellow striped with orange..... | \$0.25 | \$0.05 |
| 527 Orange King. Rich dark orange | .25 | .05 |
| 528 Prince of Orange. Dark orange striped..... | .25 | .05 |
| 525 Grandiflora. Large double yellow | .25 | .05 |
| 529 Sulphurea. Beautiful sulphur yellow | .25 | .05 |
| 530 Mixed | .25 | .05 |

CALCEOLARIA

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

- 515 **Hybrida Grandiflora, Tall Mixed.** Large flow- Lge. pkt. Pkt.
ering, rich, self-colored flowers saved from a
choice collection; 18 inches \$0.75 \$0.25
- 516 **Hybrida Grandiflora Pumila Compacta.** Of
dwarf, compact robust growth, producing im-
mense trusses of large and varied brilliant self-
colored and spotted flowers; 1 foot75 .25
- 517 **James' Superb Strain.** A robust grower, pro-
ducing very large and beautiful flowers; 18 ins. 1.25 .50
- 519 **Sutton's Perfection.** Choicest mixed90
- 518 **Rugosa Mixed (Shrubbery).** Small flowering
varieties for bedding; finest colors; 1 foot 1.25 .50

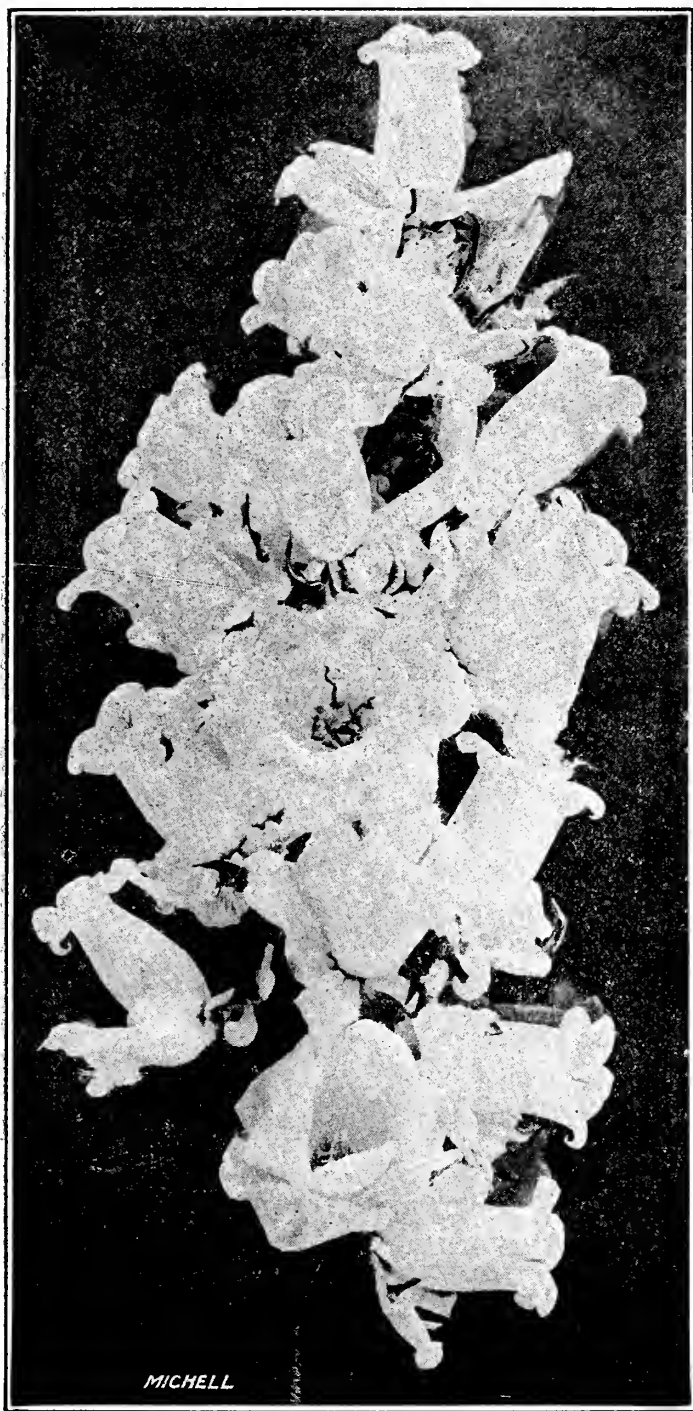
**Calliopsis****CALLIOPSIS** (Coreopsis)

Free flowering plants beginning very early and continuing until frost. Showy and excellent for cutting.

- | | Oz. | Pkt. |
|---|--------|--------|
| 535 Golden Wave. Large yellow flowers with dark
brown centres | \$0.25 | \$0.05 |
| 536 Nigra Speciosa. Rich crimson | .25 | .05 |
| 537 Choice Mixed. All varieties and colors | .25 | .05 |

PERENNIAL VARIETIES

- 540 **Lanceolata Grandiflora.** Single golden yellow
flowers of graceful form; invaluable for cut-
ting; flowers uninterruptedly the entire summer .50 .10
- 541 **California Sunbeams.** Very large flowers beau- Lge. pkt. Pkt.
tifully formed; shades of yellow and brown.... \$0.25 \$0.10



Canterbury Bell

CAMPANULA MEDIA (Canterbury Bell)

These are strictly biennials and require the following cultural directions: Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw. They flower the following June, after which they die. Their colors are so pure that gorgeous effects can be achieved with them.

	Large pkt.	Pkt.
543 Single Blue	.....\$0.15	\$0.05
544 " Pink15 .05
553 " White15 .05
550 " Mixed15 .05
551 Double Mixed20 .05

CAMPANULA CALYCANTHEMA (Cup and Saucer)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

	Large pkt.	Pkt.
545 White	.....\$0.30	\$0.10
588 Pink	.....	.30 .10
586 Blue	.....	.30 .10
546 Mixed	.....	.25 .10

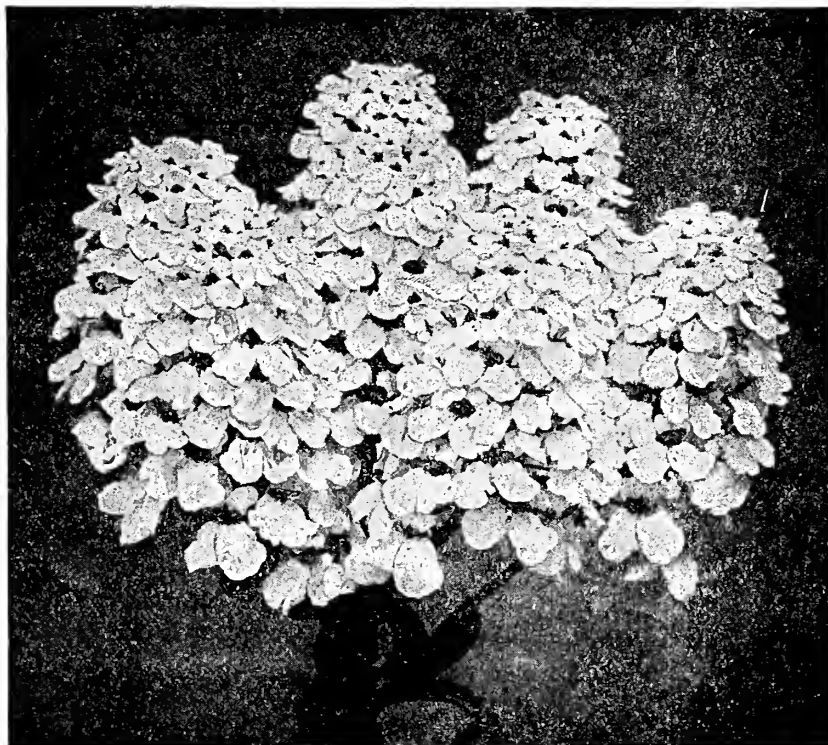
CAMPANULAS OR BLUE BELLS**PERENNIAL VARIETIES**

These splendid flowers appear in many forms; some creeping, others dwarf and bushy, and others with medium or tall stately spikes; all have dainty bell-shaped flowers in several colors.

538	Carpatica, Blue (<i>Carpathian Hare Bell</i>). Com-Lgo. pkt. Pkt.		
	pact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July	.....\$0.15	\$0.05
539	Carpatica, White. Same as above	.....	.15 .05
547	Persicifolia Grandiflora, Blue (<i>Peach Bells</i>). Stately spikes, 4 feet tall with immense blue bell-shaped flowers	.....	.30 .15
548	Persicifolia Grandiflora, White. Same as above	.....	.30 .15
549	Pyramidalis (<i>Chimney Bell Flower</i>). Perfect pyramids 6 feet high crowded with large bell-shaped flowers of deep blue	.....	.20 .05

CANARY BIRD FLOWER

555	One of the most charming annual climbers, bearing an abundance of bright yellow, fringed flowersoz. 40c.	.15 .05
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Michell's Giant White Candytuft

CANDYTUFT (Iberis)

Splendid edging plants, flowering within six weeks after sowing; height, 1 foot. They are excellent for cutting.

561	Michell's Giant White. The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; fine for forcing	.....oz. 60c.	\$0.20 \$0.10
562	Empress. Large sprays of white flowers with flattened heads; a popular florist kind; oz. 40c.	.....	.15 .10
566	Pink	.....oz. 40c.	.15 .05
560	Crimson	.....oz. 30c.	.15 .05
559	Carmine. Deep scarlet	.....oz. 40c.	.15 .05
568	Purple. Deep rich purple	.....oz. 30c.	.15 .05
574	White Rocket. Long spikes	.....oz. 25c.	..... .05
564	Little Prince. Very dwarf and compact with pure white flowers; excellent for edging; oz. 50c.	.....	.15 .10
576	Choice Mixed. All colors	.....oz. 20c.	..... .05
578	Imported Collection, 6 Colors	.....	..... .25
570	Sempervirens. Dwarf spring flowering perennial plants; ideal for the bulb border, flowers of glistening white, May, 8 inches	.....	.20 .10

CANNA (Indian Shot)

Although these are generally planted from roots, they may be grown with comparative ease from seed. Scrape extreme edge of seed with a sharp filing iron and put seeds in wet moss over slight heat. Just as soon as they start they ought to be potted.

	Oz.	Pkt.
597 Choice Mixed	.....\$0.25	\$0.05



Carnation—Marguerite

CARNATION

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer. Start in the house from January till April, but do not set outdoors until danger from frost is past.

600	Early Vienna.	Large double flowers in choicest mixture; 1 foot	Large pkt.	Pkt.
			\$0.30	\$0.10
602	Finest German.	Double mixed; selected strain.	.65	.25
610	Choice Mixed Double.	All sorts	.50	.10

MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks; and will bloom in four months after sowing the seed. The flowers are large, always perfect, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

604	Excelsior Mixed.	Immense flowers in all the beautiful shades	Large Pkt.	Pkt.
			\$0.40	\$0.15
605	Pink		.40	.10
606	White		.40	.10
607	Scarlet		.40	.10
608	Yellow		.50	.10
609	Choice Mixed		.25	.10

CASTOR OIL BEAN See Ricinus**CELOSIA CRISTATA (Crested Cockscomb)**

Very desirable for garden effects or edging; easily grown; produces large, brilliant comb-like heads.

615	All Aglow.	Bright scarlet, 1 foot	\$0.30	\$0.10
630	Aurea.	Yellow	.30	.10
617	Giant Empress.	Giant heads of rich crimson	.30	.10
619	Glasgow Prize		.25	.10
625	Sutton's Prize.	Very dwarf, bright scarlet comb		.35
631	Choice Mixed		.20	.05

CELOSIA PLUMOSA (Feathered Cockscomb)

A splendid decorative plant for the garden; may also be successfully grown in pots; prefer a moist soil and if well grown rival any foliage plant. The feathery plumes are produced on long stems and are excellent for cutting.

624	Scarlet		\$0.15	\$0.10
620	Golden Plume.	Bright golden plume	.15	.10
623	Spicata.	Of pyramid growth; flowers pink shading to silvery white; 3 ft.	.30	.10
626	Thompsoni Magnifica.	An improved strain with magnificent shades	.25	.10
627	Thompson's Superb.	A strain with bronze colored foliage and graceful feathery plumes of brilliant crimson; 2 feet	.20	.10
633	Choice Mixed.	All colors	.15	.05



Centaurea Cyanus (Corn Flower)

CENTAUREA**CENTAUREA CYANUS (Cornflower or Bachelor's Button)**

	Oz.	Pkt.
638 Emperor William. Deep blue	\$0.25	\$0.05
644 Double Blue. Very large..... (Large pkt. 20c.)		.10
639 Pink	.25	.05
640 White	.25	.05
641 Choice Mixed	.25	.05
642 Double Mixed	.25	.05

CENTAUREA IMPERIALIS (Giant Cornflower)

Gigantic, beautiful, sweet-scented flowers are borne on long stems. They are well adapted for cutting and remain fresh long after being cut. Height of plant, 2 to 3 feet.

	Oz.	Large pkt.	Pkt.
645 Deep Rose	\$0.75	\$0.20	\$0.10
646 Lavender	.75	.20	.10
647 Lilac	.75	.20	.10
648 Brilliant Pink	.75	.20	.10
649 Purple	.75	.20	.10
650 White	.75	.20	.10
651 Choice Mixed	.60	.20	.10
653 Our Collection (one packet each of above 6 varieties)			.50

WHITE LEAVED CENTAUREA (Dusty Miller)

500 Seeds Pkt.

Grown for their silvery foliage as edging plants.

636 Gymnocarpa.	Fine cut silvery gray foliage	\$0.20	\$0.10
635 Candidissima.	Broad cut leaves of silvery gray	.30	.10

VARIOUS CENTAUREAS

Large pkt. Pkt.

654 Margaritae (Giant White Sweet Sultan).	The snow-white blooms often measure 3 to 4 inches across and are very fragrant; 18 inches	\$0.25	\$0.10
656 Suaveolens.	Bright yellow, fragrant blossoms	.15	.05
655 Montana.	Blue; perennial; 18 inches	.30	.10
657	" Alba. White	.30	.10

CENTROSEMA (Butterfly Pea) Lge. pkt. Pkt.

- 660 **Grandiflora.** Bears profusely inverted pea-shaped flowers, from rosy violet to purple with a broad white marking through the centre \$0.25 \$0.10

CHRYSANTHEMUM—ANNUAL VARIETIES

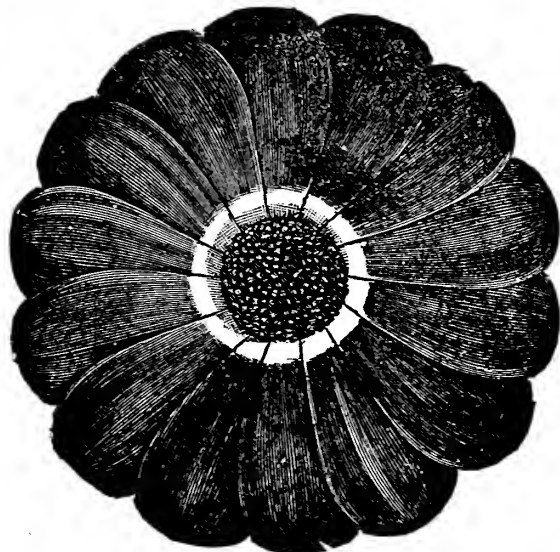
Exquisitely colored daisy-like flowers with finely cut foliage; good for cutting; also effective as a border plant; 2 feet.

- 669 **Helios.** Extra large pure golden yellow flowers Lge. pkt. Pkt.
often measuring 4 inches across; height 2 feet.. \$0.15 \$0.10
- 680 **White Star.** Purest white20 .10
- 665 **Burridgeanum.** Crimson, white edge and inner white circle; 18 inches15 .05
- 670 **Inodorum, "Snowball."** Large double flowers of finest white and good form; splendid for cutting; 1 foot20 .10
- 677 **Segetum Grandiflorum.** Bright golden yellow flowers15 .05
- 681 **Single Mixed** oz. 30c. .15 .05
- 683 **Double Mixed** oz. 40c. .15 .05

PERENNIAL VARIETIES

The single varieties represent the hardy daisies, while the double varieties are the old-fashioned chrysanthemums.

- 666 **Comtesse de Chambord (Golden Paris Daisy).**
Single, beautiful clear yellow flowers..... \$0.20 \$0.10
- 667 **Frutescens Grandiflorum (Paris Daisy or Marguerite).** Single flowers, white with yellow eye20 .10
- 671 **Shasta Daisy, "Alaska."** The finest of all; single white flowers on long stems; 2 feet..... .65 .20
- 675 **Princess Henry.** Immense white flowers, 4 inches across; 18 inches40 .10
- 685 **Japanese Hybrids (Autumn Flowering Chrysanthemum).** Large flowers of the finest types; an extra choice mixture; 18 inches65 .15



Grandiflora Prize Cineraria

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our *Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, and has been awarded numerous first prizes. Large pkt. Pkt.

- 691 **Grandiflora Prize Dwarf.** Mixed colors; plants of dwarf habit \$0.75 \$0.35
- 693 **Grandiflora Prize Medium Tall.** Mixed colors; desirable as a decorative plant75 .35
- 699 **James' Giant Strain.** A superb variety; mixed colors 1.25 .50
- 707 **Sutton's Superb.** Mixed colors. Original pkt.75
- 700 **Matador.** Large bright red flowers35
- 695 **Hybrida.** Choice mixed colors65 .25
- 702 **Radiata Hybrida.** New varieties of the Star Cineraria in a wide range of colors and shades75 .20
- 703 **Stellata (Sutton's).** Medium sized star-like flowers. Original pkt.75
- 705 **Stellata Hybrida.** Of graceful and vigorous habit, producing a profusion of elegant flowers 1.25 .50

WHITE-LEAVED CINERARIA (Dusty Miller)

- 701 **Maritima Candidissima.** Silvery green lacinated foliage, good for edging15 .05

CLARKIA

Annuals of easy culture; planted in large groups they are very bright and effective, and the long graceful sprays are good for table decorations. Large pkt. Pkt.

- 708 **Single Mixed.** All colors \$0.15 \$0.05
- 709 **Double Mixed.** All colors15 .05

CLEMATIS

Hardy perennial climbers; fine for arbors, verandas, etc.

- 710 **Flammula.** Feathery-white, fragrant flowers... .15 .05
- 712 **Jackman's Large Flowering.** Mixed; saved from the finest, large flowering sorts40 .15
- 714 **Paniculata (Japanese Virgin's Bower).** The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers20 .10

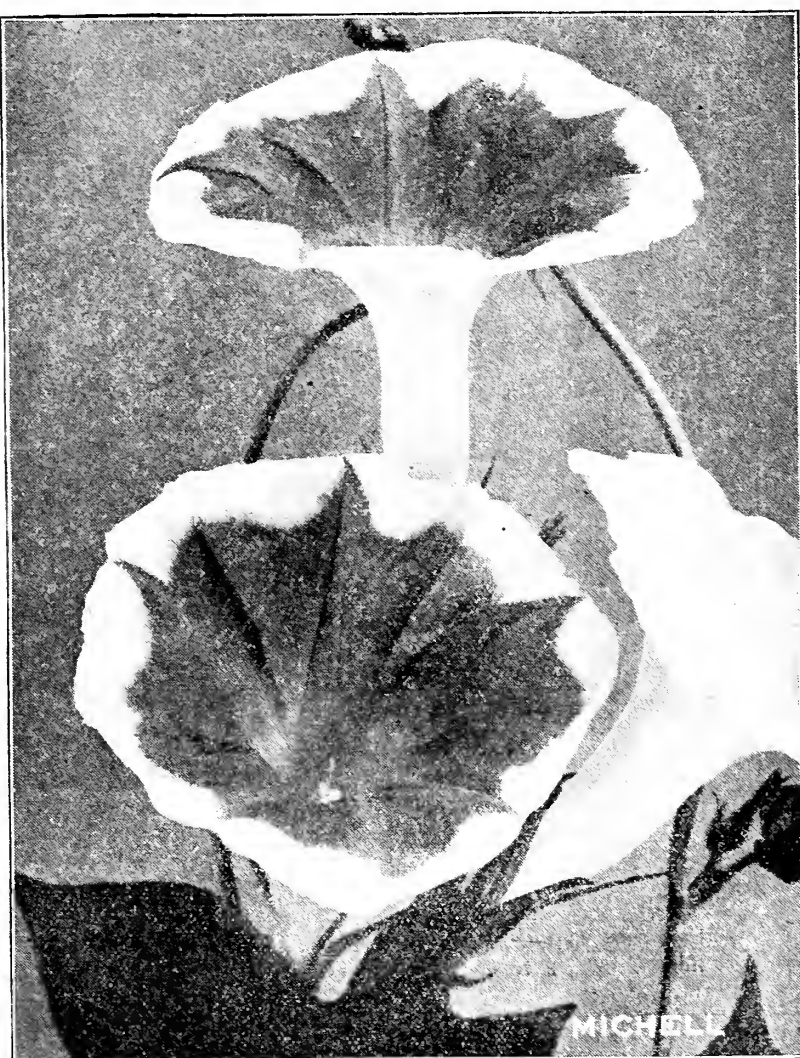
CLEOME (Spider Plant)

Tall bushy annual plant, branching freely and continuously in bloom. If protected during first winter it will live another season; 4 feet. Large pkt. Pkt.

- 720 **Pungens.** Pink flowers \$0.20 \$0.05

COCKSCOMB See Celosia.

COIX LACHRYMAE See Grasses (Ornamental)



Japanese Imperial Morning Glory (Convolvulus)

CONVOLVULUS (Morning Glory)
MAJUS, OR TALL VARIETIES

One of the most popular annual climbers; a rapid grower.

- 740 **Japanese Imperial.** Flowers of immense size. Oz. Pkt.
and of a great variety of colors \$0.25 \$0.05
- 741 **Japanese Imperial Fringed.** Large fringed flowers of many beautiful colors and shades... .40 .10
- 742 **Mixed.** All colors10 .05
- 744 **Double Flowering.** Mixed colors40 .10
- 750 **Imported Collection.** 10 varieties40

MINOR, OR DWARF VARIETIES

A charming garden plant, growing about a foot high.

- 748 **Mixed Colors**15 .05
- 746 **Tricolor.** Blue and white20 .05



Michell's Giant Fancy Cosmos

COSMOS

MICHELL'S LARGE EARLY FLOWERING

This new Early Flowering Strain will begin blooming as early as July and will continue until frost; flowers large, often measuring 3 inches across; 4 feet.

	Oz.	Large pkt.	Pkt.
751 Crimson	\$0.75	\$0.20	\$0.10
752 Pink .....	.75	.20	.10
753 White .....	.75	.20	.10
754 Mixed .....	.75	.20	.10
755 Dawn. White flushed with pink .....	.75	.20	.10

MICHELL'S GIANT OR LATE COSMOS

These produce giant blooms on plants often 7 feet tall.

	Oz.	Large pkt.	Pkt.
759 Pink	\$0.60	\$0.20	\$0.10
761 Red .....	.60	.20	.10
763 White .....	.60	.20	.10
765 Mixed .....	.50	.15	.05
767 Giant Fancy Varieties. Mixed colors...	1.00	.30	.10
768 New Giant Rainbow. Delicate colorings		.40	.10
769 Klondyke. Large golden yellow flowers..		.30	.10
771 Giant "Lady Lenox." Colossal flowers; a beautiful shell pink .....	.75	.20	.10

COBAEA SCANDENS (Cups and Saucers Vine)

Well-known climber of rapid growth, producing large bell-shaped blossoms; in sowing, place the seeds edgewise, and merely cover with light soil.

	Large pkt.	Pkt.
725 Purple	oz. \$0.60	\$0.15 \$0.10
726 White .....		.30 .10

COLEUS

735 **Large Leaved Hybrids.** Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in warm temperature.....

COLUMBINE See *Aquilegia*
CORNFLOWER See *Centaurea*
COWSLIP See *Primula Veris*

CUPHEA PLATYCENTRA (Cigar Plant)

775 Interesting bedding plant; the flower is shaped like a hollow cigar; color, scarlet with a black and white tip; 1 foot



Cyclamen, Michell's Distinctive Giant

CYCLAMEN

Beautiful plants for the window or greenhouse, with mottled leaves and rich colored flowers. Both the strains offered below have gained a reputation for their large size, perfect form and brilliant colors.

MICHELL'S DISTINCTIVE GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
790 Duke of Connaught. Crimson	\$1.50	\$0.50
792 Excelsior. White with red eye	1.50	.50
794 Grandiflora Alba. White	1.50	.50
796 Princess of Wales. Pink	1.50	.50
798 Salmon Queen. Salmon pink	1.50	.50
799 Mixed. All colors	1.25	.40
806 Sutton's Giant. Choicest mixed. Original pkt.		1.00

REGULAR GIGANTEUM STRAIN

Grown for us by a Specialist in Germany.

	1.25	.35
780 Giganteum Album. White	1.25	.35
782 " Roseum. Pink	1.25	.35
784 " Rubrum. Red	1.25	.35
786 " White with carmine eye	1.25	.35
788 " Mixed. Choicest strain	1.00	.25
802 Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors	2.00	.40
804 Persicum. Choice mixed	\$0.40	.10

CYPERUS (Umbrella Plant)

810 **Alternifolius.** An elegant plant for growing in water or damp places; useful as a pot plant....

CYPRESS VINE (Ipomoea Quamoclit)

A very graceful annual climber, with feathery foliage; and beautiful, star-like flowers.

	Oz.	Pkt.
815 Scarlet	\$0.30	\$0.05
817 White .....	.30	.05
819 Mixed .....	.25	.05

DAHLIAS FROM SEED

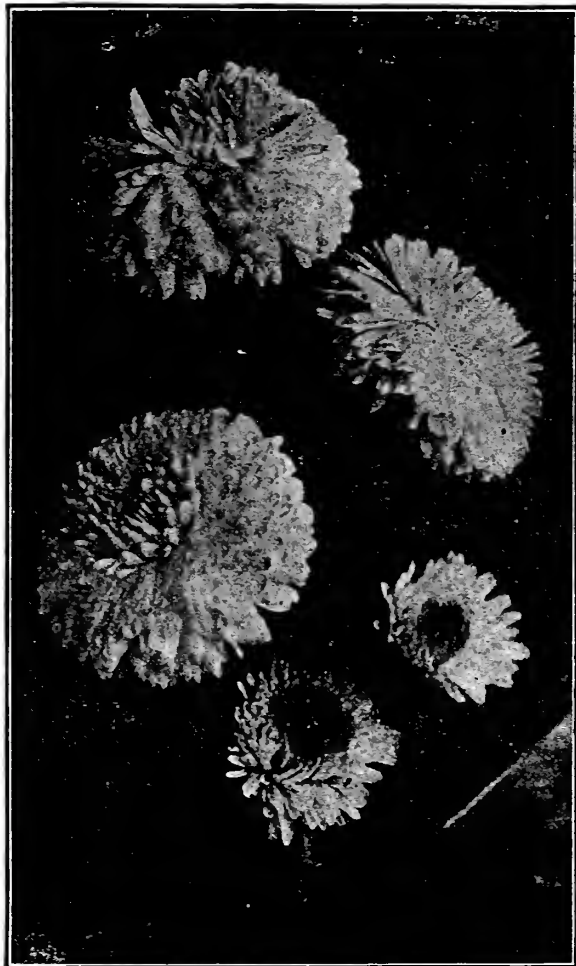
There is no more fascinating flower to raise from seed than the Dahlia, for the result is a series of surprises; seed should be started in the house from February till May and the young plants should not be set outdoors until danger from frost is past.

DOUBLE FLOWERING VARIETIES

	Large pkt.	Pkt.
827 Cactus, Choice Mixed	\$0.30	\$0.10
829 Large Flowering (Show Type), Mixed .....	.30	.10

SINGLE FLOWERING VARIETIES

832 Century. Immense flowers of splendid form and a great array of colors	3 pkts. 50c.	.20
835 Giant Perfection. Straight petals of gigantic length and perfect form .....	.30	.10
847 Twentieth Century. Flowers of immense size with distinct colorings	3 pkts. 40c.	.15
851 Imported Collection, 6 Varieties .....		.50

*English Daisy-Monstrosa***DAISY, ENGLISH DOUBLE (Bellis Perennis)**

These are strictly biennials and seed should be sown from June 1st till September, transplanted in the fall and they will flower the following spring. If sown in the spring they will flower in the autumn; 4 inches.

	Large pkt.	Pkt.
856 Monstrosa, Pink. These surpass all strains of this popular plant in growth and in the abundance of extra large, perfectly double flowers..	\$0.65	\$0.25
858 Monstrosa, White .....	.65	.25
857 " Mixed .....	.65	.25
859 Longfellow. Delicate pink .....	.40	.10
860 Snowball. Purest white .....	.40	.10
861 Double Mixed .....	.40	.10

DATURA

A most ornamental plant growing quite bushy with extra large trumpet-shaped flowers; height, 3 feet.

	Large pkt.	Pkt.
864 Cornucopia. White marbled with purple.....	\$0.15	\$0.10
866 Double Golden. Pure yellow flowers .....	.15	.05
868 Double Mixed. All colors .....	.15	.05
862 Brugmansia. Tree form, flowers in clusters from two to three hanging downward; color, purest white; height, 5 feet .....	.40	.15

*Delphinium, Kelway's Giants***DELPHINIUM (Hardy Perennial Larkspur)**

Highly prepossessing plants of stately appearance; of easiest culture they are readily the most popular of all hardy plants. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.

872 Burbank's Hybrids. Splendid assortment of Large Pkt. Pkt. colors, with extra large flowers; 4 to 5 feet....	\$0.50	\$0.25
878 Kelway's Giant. A strain recognized the world over as a prize-winner; 5 to 7 feet .....	.50	.15
883 Hybridum Mixed. Choicest; 4 feet.....oz. 40c.	.15	.05
871 Belladonna. Immense spikes of delicate heavenly blue; 5 feet .....	.65	.25
877 Formosum. Deep blue; 5 feet	oz. \$1.25	.20
875 Chinese Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet	oz. 60c.	.15
874 Chinese Grandiflorum Album. Pure white flowers	oz. 60c.	.15
873 Cashmerianum. Dark blue; 18 inches .....	.50	.10
876 Elatum (Bee Larkspur). Rich blue; 4 feet: oz. \$1.00	.25	.10
879 Nudicaule. Bright scarlet; 18 inches .....	.50	.10
881 Zalil. Sulphur yellow; 4 feet .....	.50	.10

For Annual Larkspurs, see page 83

*Dianthus—Double Annual Pinks***DIANTHUS (Pinks)**

A most satisfactory class of flowers, easily raised from seed and which are in constant bloom the entire season; fragrant.

DOUBLE ANNUAL SORTS

	Large pkt.	Pkt.
890 China or Indian Pink. All colors mixed; oz. 50c.	\$0.15	\$0.05
892 Fireball. Fiery red	.20	.10
894 Double Fringed. Large flowers; fringed petals	.25	.10
896 Japan Pink. Most fantastic colors and forms..	.20	.10
898 White. Fringed flowers	.20	.05

SINGLE ANNUAL SORTS

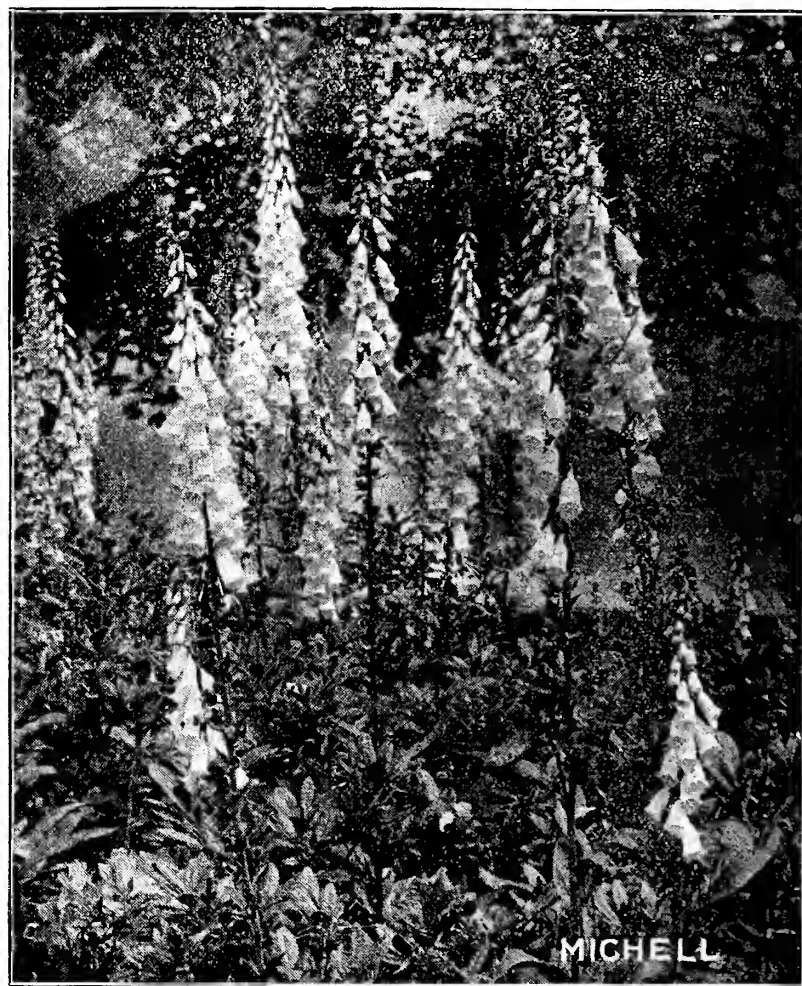
909 Single Japan Pink. All colors	oz. 75c.	.20	.05
911 Nobilis. Petals undulated and twisted		.25	.10
913 Princess, "Dark Shaded." Beautiful shades..		.50	.15
914 Silver Lace (New). Attractive, slightly fringed flowers; dark blood red, edged with pure white		.25	.10
915 Salmon Queen. Fringed; salmon pink		.20	.10
916 Imported Collection. All forms, 12 varieties...			.40

HARDY GARDEN PINKS

917 Erfurt. Of dwarf, compact growth; blooms early; very fragrant; mixed colors		.65	.15
919 Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant		.40	.10
920 Latifolius Atrococcineus (Everblooming Hybrid Sweet William). Double, brilliant red		.25	.10
921 Pheasant's Eye. Single white fringed flowers with dark centre	oz. \$0.50	.15	.05
923 Double Scotch. Choice colors		.40	.15

DICTAMNUS (Gas Plant)

925 Fraxinella. Showy bushy plants 2½ feet high, rosy pink flowers, June and July		.15	.05
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*Digitalis (Foxglove) Gloxiniaeflora***DIGITALIS (Foxglove)**

Though considered biennial they can readily be made perennial, by cutting back the flower-spikes immediately after blooming. The large leaves late in fall should be cut back severely, so as to harden the plant for winter. Stately spikes, 5 to 7 feet tall.

	Oz.	Large pkt.	Pkt.
927 Gloxiniaeflora, Pink	\$1.00	\$0.15	\$0.10
928 " Purple	1.00	.15	.10
929 " White	1.00	.15	.10
930 " Mixed	.75	.15	.05

932 Monstrosa (Mammoth Foxglove). The tall spikes are surmounted by one monstrous flower all colors mixed	¼ oz. 40c.	.30	.10
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DIMORPHOTHECA

926 Aurantiaca (Golden Orange Daisy). One of the showiest garden plants of recent introduction; fairly compact, bushy plants are literally covered with brilliant orange-gold daisy-like blooms on fairly long stems during the entire season; excellent for cutting		.40	.20
931 Aurantiaca Hybrids (New). A splendid mixture of colors and shades; for further description see Novelties	3 pkts. 80c.		.30

DOLICHOS (Hyacinth Bean)

Rapid growing climber, bearing a profusion of bean-like flowers.

	Oz.	Pkt.
934 Darkness. A variety from Japan; rapid grower; flowers reddish violet	\$0.25	\$0.10
935 Daylight. Identical to the above except in color, which is pure white	.25	.10
937 Choice Mixed	.15	.05

DRACENA

Large pkt. Pkt.

Ornamental plants for vases or conservatory decoration.

940 Australis. Green and red colored leaves	\$0.25	\$0.10
942 Indivisa. Narrow green leaves	oz. \$0.50	.15

ECHINOCYSTIS (Wild Cucumber Vine)

	Oz.	Pkt.
945 Lobata. One of the quickest growing vines; excellent for covering trellises, fences, etc.	\$0.30	\$0.05

*Eschscholtzia (California Poppy)***ESCHSCHOLTZIA (California Poppy)**

An elegant hardy annual with fine cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 foot.

- | | Large pkt. | Pkt. |
|--|------------|--------|
| 951 Californica. Pure yellow .....oz. 30c. | \$0.15 | \$0.05 |
| 955 Golden West. Magnificent large deep golden yellow flowers .....oz. 40c. | .15 | .10 |
| 952 Burbank's Crimson. Large flowers of a rich deep crimson .....oz. 40c. | .25 | .10 |
| 959 Orange. Rich orange yellow .....oz. 30c. | .15 | .05 |
| 963 White. .....oz. 30c. | .15 | .05 |
| 957 Mandarin. Inner side of petals orange, outer petals scarlet .....oz. 35c. | .15 | .05 |
| 961 Rose Cardinal. Carmine rose .....oz. 40c. | .15 | .05 |
| 965 Choice Mixed. .....oz. 25c. | .15 | .05 |

EDELWEISS (Gnaphalium)

- 950 **Leontopodium.** The famous Alpine flower, suitable for rock work, etc.; 6 inchesoz. 40c.

EULALIA (Ornamental Grass) See page 80**EUPATORIUM**

A fine hardy perennial, blooming the first season from seed if sown early; excellent for cutting; 2 feet.

- | | Large pkt. | Pkt. |
|--|------------|--------|
| 973 Coelestinum. Deep lavender blue fluffy flowers. | \$0.25 | \$0.10 |
| 975 Fraseri. Feathery white flowers .....oz. 20c. | .20 | .10 |

EUPHORBIA

Plants with ornamental foliage; very showy and easily raised from seed; height, 2 feet.

- | | Large pkt. | Pkt. |
|---|------------|--------|
| 980 Heterophylla (Mexican Fire Plant). Large glossy green leaves, turning to orange scarlet in midseason .....oz. 20c. | \$0.20 | \$0.10 |
| 982 Variegata (Snow on the Mountain) .....oz. 30c. | .15 | .05 |

FERNS

Very desirable plants for ferneries.

- | | Large pkt. | Pkt. |
|--|------------|--------|
| 985 Adiantum (Maiden Hair). Mixed .....oz. 40c. | \$0.40 | \$0.15 |
| 989 Pteris Varieties. Mixed .....oz. 40c. | .40 | .15 |
| 991 Choice Mixed. Choice collection .....oz. 40c. | .40 | .15 |

We can also furnish all other varieties of fern spores.

FEVERFEW (Matricaria)

- 995 **Double White.** Hardy annual; free flowering; for bedding or pot culture; showy double white flowers; 18 inchesoz. 40c.

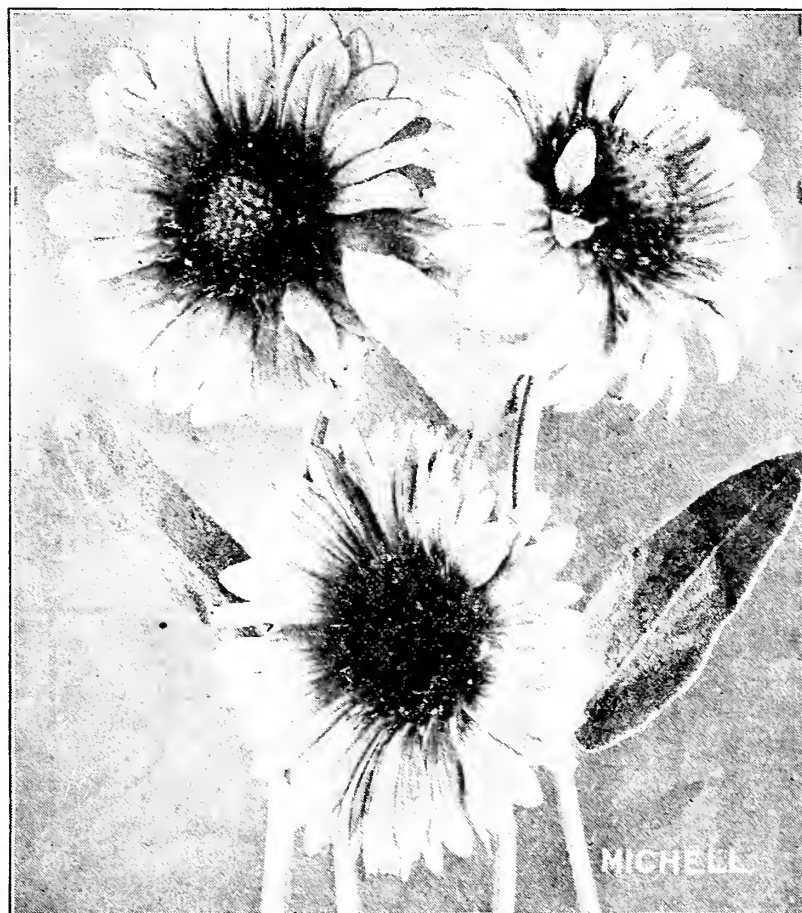
FORGET-ME-NOT See *Myosotis*

FOUR O'CLOCK See *Marvel of Peru*

FOXGLOVE See *Digitalis*

FUCHSIA (Lady's Ear Drop) 100 Seeds

- 1015 **Double and Single Mixed.** Of easy culture... \$0.50 .15

*Gaillardia—Grandiflora Superba***GAILLARDIA (Blanket Flower)****ANNUAL VARIETIES**

A splendid garden flower and excellent for cutting. The large highly colored, daisy-like flowers appear uninterruptedly the entire season on stout erect stems often 15 to 18 inches in length.

- | | Large pkt. | Pkt. |
|--|------------|--------|
| 1028 Picta Mixed. Single flowers in all colors; .....oz. 30c. | \$0.15 | \$0.05 |
| 1020 Picta Lorenziana. Double mixed .....oz. 40c. | .15 | .05 |

PERENNIAL VARIETIES

- | | | |
|---|--------|--------|
| 1020 Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches .....oz. 50c. | \$0.20 | \$0.10 |
| 1022 Grandiflora Superba. Splendid mixed, 2 feet; .....oz. 50c. | .15 | .10 |
| 1021 Grandiflora Sanguinea. Blood red flowers.... | .40 | .15 |
| 1030 Sulphurea Oculata. Sulphur, maroon eye.... | .30 | .10 |
| 1029 Semi-Double. Golden yellow tinged maroon... | .30 | .15 |

GENTIANA (Blue Gentian)

- 1035 **Acaulis.** A dwarf hardy perennial; deep blue flowers; suited to moist, shady situations....

GERANIUM

These are general favorites, easily grown from seed.

- | | 100 Seeds | Pkt. |
|--|-----------|--------|
| 1040 Apple Scented. Highly esteemed on account of its fern-like, fragrant foliage; 1 foot .....oz. 40c. | \$0.40 | \$0.10 |
| 1042 Pelargonium (Lady Washington). Seed saved from the largest flowered show varieties .....oz. 1.25 | 1.25 | .25 |
| 1044 Zonale Mixed. A superb strain of the largest and finest varieties; 1 to 2 feet .....oz. 20c. | \$0.20 | .10 |

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine-leaved, daisy-like flowers; splendid for pot plants or cutting. 100 Seeds Pkt.

- 1049 **Jamesoni Gigantea**. Extra large flowers of brightest scarlet \$1.50 \$0.25
 1047 **Jamesoni Hybrida** (New). All colors in great variation40

GLAUCIUM (Horn Poppy)

- 1050 **Luteum**. Long, recurved silvery leaves; flowers, orange yellow, bell-shaped and drooping; hardy biennial; 2 feet \$0.15 \$0.05

GLOXINIA

Showy, free-flowering plants for pot culture; producing magnificent flowers of the richest colors; 1 foot.

- 1055 **Hybrida Grandiflora**. The best strain in existence, embracing all the choicest self-colored and tigered and spotted flowers..... \$0.75 \$0.25

GODETIA (Satin Flower)

A most attractive bushy little annual plant with bright flowers opening in the morning and closing at evening; very effective in gardens; not serviceable as a cut flower; height, 15 inches.

- 1060 **Gloriosa**. Blood red flower \$0.15 \$0.10
 1062 **Choice Mixed**15 .05

GOLDEN ROD (Solidago Canadensis)

- 1065 A well-known hardy perennial; deep golden yellow flowers; 2 feet15 .05

GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons"; a showy annual everlasting, with button-like flowers, fine for cutting; height, 12 inches.

- 1070 **Nana Compacta**. Dwarf red \$0.30 \$0.15 \$0.05
 1072 **Mixed**. All colors25 .15 .05



Ornamental Mixed Gourds

GOURD (Ornamental)

Rapid growing annual climbers for covering arbors, fences, etc., with ornamental foliage and curious shaped fruit.

- | | Oz. | Pkt. |
|--|--------|--------|
| 1075 Calabash, or Dipper . Very useful | \$0.25 | \$0.05 |
| 1077 Egg-Shaped . White like an egg | .25 | .05 |
| 1079 Hercules Club . Club shaped; 4 feet long..... | .25 | .05 |
| 1081 Luffa (Dish Rag or Bonnet Gourd) | .25 | .05 |
| 1083 Orange-Shaped (Mock Orange) | .25 | .05 |
| 1085 Pear-Shaped . Striped; very showy | .25 | .05 |
| 1087 Serpent . Striped like a serpent; 5 feet long... | .25 | .05 |
| 1089 Sugar Trough . Used as water holders | .25 | .05 |
| 1091 Mixed . In a great variety | .20 | .05 |

GREVILLEA (Silk Oak)

- 1095 **Robusta**. A fine decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed Oz. 75c. \$0.20 \$0.10

GRASSES, ORNAMENTAL

Few plants are more decorative. The ideal spot for the taller varieties is on the outskirts of a pond. Those with plummy tops are very effective when used as centrepieces for beds of cannas, etc.



ARUNDO (Great Reed)

- 155 **Donax**. Perennial with drooping green and white striped leaves; excellent for lawn clumps; 9 ft.. \$0.20 \$0.10

AVENA (Animated Oats)

- 415 **Sterilis**. Long, sensitive awns which expand and contract, causing the seed to rattle in the pod; annual; 18 inches15 .05

BRIZA (Quaking Grass)

- 490 **Maxima**. Elegant panicles; excellent for bouquets and dried flowers; annual; 1 foot15 .05

BROMUS

- 495 **Brizaeformis**. Large drooping panicles, useful for bouquets; 2 feet; annual15 .05

COIX LACHRYMAE (Job's Tears)

- 730 A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual; 2 to 3 feet; Oz. 10c. .05

EULALIA

- 970 **Japonica**. A hardy perennial variety, with long, graceful leaves; green and white striped; 4 to 5 feet15 .05

GYNERIUM (Pampas Grass)

- 1100 **Argenteum**. White silvery plumes; perennial; blooms the second season; 8 to 10 feet15 .10

HORDEUM JUBATUM (Squirrel Tail Grass)

- 1166 Bushy panicles; excellent for bouquets; annual; 3 feet15 .05

PENNISETUM

- 1640 **Longistylum**. Graceful greenish-white plumes, fine for beds or dried bouquets; 2 feet; annual15 .05
 1642 **Ruppelianum** (Purple Fountain Grass). Excellent for beds or for dried bouquets; purple plumes; 3 feet; perennial15 .10

STIPA PENNATA (Feather Grass)

- 2005 Hardy perennial with silvery-white, feathery plumes; flowers the second season; 2 feet.... .15 .05

One packet each of the above 11 varieties of Ornamental Grasses for 60 Cents

GYPSOPHILA (Baby's Breath)

Pretty, free-flowering plants of easy culture; excellent for cutting to mix with Sweet Peas; 2 feet.

		Large pkt.	Pkt.
1103	Elegans Alba Grandiflora. A hardy annual variety; delicate sprays of pure white flowers.	\$0.15	\$0.05
1105	Paniculata. Hardy perennial variety; flowers in graceful sprays of white; will bloom the first season if sown early	.....oz. 40c.	.15 .05
1106	Paniculata fl. pl. (New). Perennial, with double white flowers	.....	.30

HELENIUM (Sneeze-Wort)

1108	Autumnale Superbum. A hardy perennial, succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 ft.; September	.30	.10
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HELIANTHUS See Sunflower



Helichrysum—Straw Flower

HELICHRYSUM (Straw Flower)

		Large pkt.	Pkt.
1110	Monstrosum. One of the best everlasting flowers; useful as dried flowers for winter bouquets; double, mixed colors; 2 feet; oz. 50c.	\$0.15	\$0.05

HELIOPSIS (Orange Sunflower)

1112	Pitcheriana. A handsome hardy perennial; producing an abundance of deep orange yellow flowers, the entire summer; excellent for cutting; 3 to 4 feetoz. 50c.	.15 .10
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HELIOTROPE

A well known and highly prized plant on account of the delightful fragrance of the flowers; excellent for pots, or for bedding; 18 inches.

		Large pkt.	Pkt.
1115	Lemoine's Giant. Produces a profusion of flowers nearly double the size of the old sort; mixed colors	.....\$0.50	\$0.15
1117	Regal. Of dwarf compact growth; immense flowers; all shades	.....	.50 .15
1119	Choice Mixed. Of many varieties	.....	.25 .10
1121	Imported Collection. 6 sorts	.....	.40

HEUCHERA (Alum Root)

1125	Sanguinea. Splendid hardy perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot40 .10
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HIBISCUS (Marshmallow)

Showy, ornamental perennial plants, having large sized, beautiful bell-shaped flowers.

		Large pkt.	Pkt.
1130	Crimson Eye. Large white flowers with crimson centre; 4 feet	.....oz. 60c.	\$0.15 \$0.10
1132	Golden Bowl. Giant yellow, maroon centre; 3 feet	.....	.20 .10
1134	Palustris. Large pink flowers; 3 feet	.....	.20 .05



Chater's Double Hollyhock

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

CHATER'S IMPROVED DOUBLE HOLLYHOCK

		Oz.	Large pkt.	Pkt.
1149	Pink	\$1.25	\$0.30	\$0.10
1150	Maroon	1.25	.30	.10
1151	Red	1.25	.30	.10
1153	Salmon	1.25	.30	.10
1155	White	1.25	.30	.10
1157	Yellow	1.25	.30	.10
1159	Choice Mixed	1.00	.25	.10
1160	Single Mixed	1.00	.15	.10
1161	Imported Collection. 6 colors	.....		.40
1163	Imported Collection. 12 colors	.....		.75
1146	Allegheny. Semi-double; mammoth flowers, edges fringed and lacinated; mixed; oz. \$1.00		.30	.10

ANNUAL EVERBLOOMING HOLLYHOCK

While these are also hardy perennial varieties, if seed is sown in the house in March or April they will bloom the first season.

1147	Double Ever-blooming. Immensely tall plants with big leaves; colors range from white to deep black, yellow, pink, red, purple; oz. \$1.25	.50	.15
1148	Single Ever-blooming. Differ from above only in the flowers being single	.....oz. \$1.00	.30 .10

HONESTY (Moonwort, Satin Flower)

- 1165 Hardy biennial, admired for its silvery seed pods, which are used for ornamental purposes; 2 ft. Large pkt. Pkt.
 \$0.15 \$0.05

HORDEUM (ORNAMENTAL GRASS) (See page 80)

HUMULUS (Japanese Hop)

A rapid growing annual climber with luxuriant foliage.

- 1170 Japonicus. Dense green foliage Oz. Pkt.
 \$0.40 \$0.05
 1172 Variegatus. Leaves mottled with white50 .10

HUNNEMANNIA (Giant Yellow Tulip Poppy)

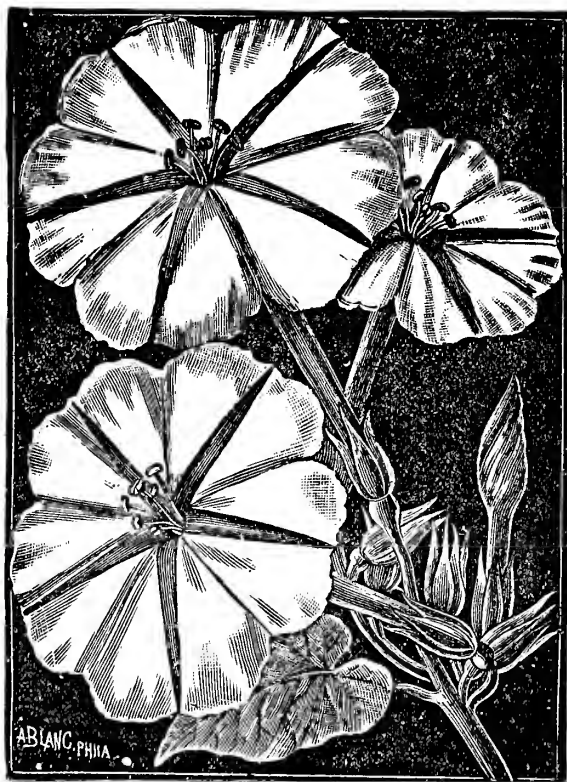
- 1175 Fumariaefolia. Sown outdoors in May it produces large quantities of giant yellow tulip-like flowers during end of August, continuing for the balance of the season; the foliage resembles Eschscholtzia; height, 2 feet Large pkt. Pkt.
 .oz. 50c. .15 .10

HYACINTH BEAN See Dolichos

IMPATIENS (Sultan's Balsam)

A charming plant for house and conservatory decoration.

- 1177 Holstii. A new variety from Africa, resembling Impatiens Sultani in leaf and shape of bloom, but surpassing it in quicker growth and its larger and brighter colored flowers Large pkt. Pkt.
 \$0.65 \$0.20
 1178 Holstii, "New Hybrids." The colors offered in these New Hybrids are beautiful and of many shades65 .15
 1180 Sultani. Brilliant rosy-scarlet40 .15
 1182 Sultani Hybrida. Colors ranging from pale pink to dark crimson40 .15



Moonflower (*Ipomoea Noctiflora*)

IPOMOEA

- 1185 Grandiflora Superba. Flowers sky-blue with a white margin Oz. Pkt.
 \$0.25 \$0.05
 1187 Heavenly Blue. Large, sky-blue flowers75 .10
 1187 Noctiflora (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers75 .10
 1191 Setosa (Brazilian Morning Glory). Large leaves and bright rose-colored flowers40 .05
 1103 Mixed. Various colors25 .05



Humulus Variegatus (See Opposite)

INCARVILLEA (Hardy Gloxinia)

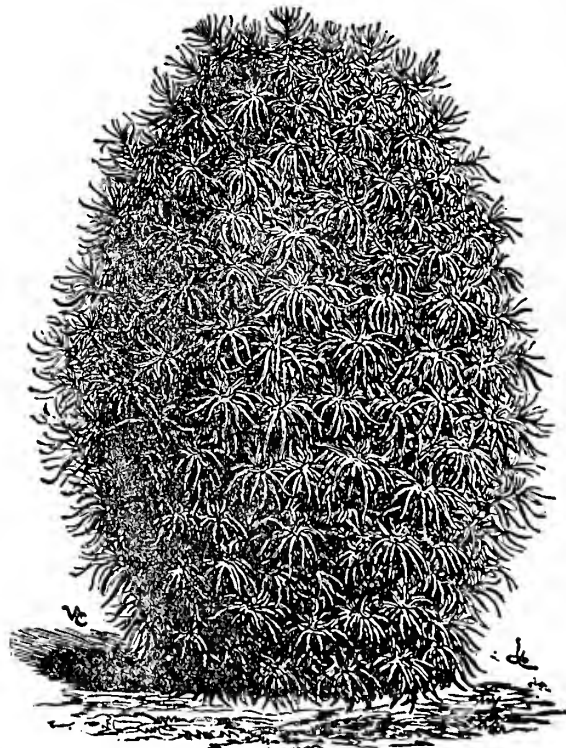
- 1184 Delavayi. Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; perennial; May; 15 inches Lge. pkt. Pkt.
 \$0.50 \$0.25

IRIS (Flowering Flag)

- 1194 Kaempferi (*Japanese Iris*). Hardy perennial; very showy; blooms the second year from seed; mixed colors20 .10

KENILWORTH IVY (*Linaria Cymbalaria*)

- 1195 A charming, neat trailing plant, for baskets, vases, pots, etc.; flowers violet \$0.30 \$0.05



Kochia Trichophylla

KOCHIA (Summer Cypress or Mexican Fire Bush)

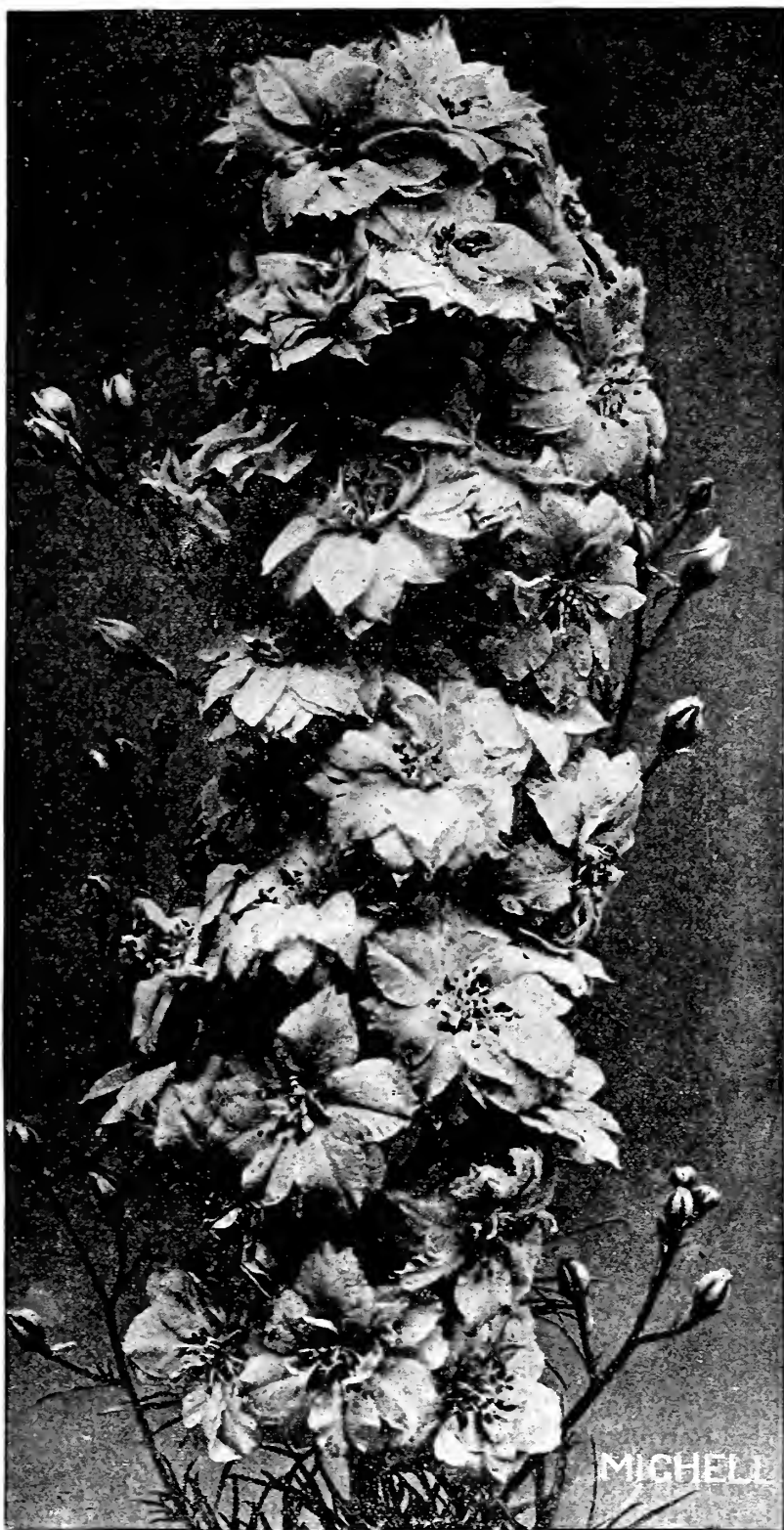
- 1198 Trichophylla. An easily grown annual, which grows into a cypress-like hedge, with feathery green foliage; at the approach of autumn the foliage turns to a deep red color; 2 to 3 feet. Lge. pkt. Pkt.
 \$0.15 \$0.10

LANTANA

Most desirable bedding plant; seeds are best germinated in a greenhouse from January till March; flowers resemble Verbenas; plants grow erect and remain in bloom all summer.

- 1200 Dwarf Mixed. 10 inches high, all colors \$0.20 \$0.10
 1201 Choice Tall Mixed. 2 to 3 feet highoz. 30c. .15 .10

See page 75 for Morning Glory (*Convolvulus*)



Double Stock Flowered Larkspur

LARKSPUR (Annual)

Splendid flowers of easy culture; sown in May outdoors they will be in full bloom in July; graceful fern-like foliage and slender spikes 3 feet tall with double rosette flowers; fine for cutting or garden decoration.

GIANT HYACINTH FLOWERED

Tall spikes with double flowers resembling Hyacinths.

1226 Queen of Pinks. It is the color which gives this variety a foremost place in any garden; spikes fully 3 feet tall and well branched; color, delicate salmon pink	Oz.	Lge. pkt.	Pkt.
1222 Shell Pink	\$0.60	.20	.05
1223 White .....	.60	.20	.05
1221 Dark Blue .....	.60	.20	.05
1224 Mixed Colors .....	.50	.15	.05

LARKSPUR—(Continued)**TALL DOUBLE STOCK FLOWERED**

Plants branch freely and the flowers resemble double stock; height, 2½ feet.

	Oz.	Large pkt.	Pkt.
1202 Dark Blue	\$0.60	\$0.20	\$0.10
1203 Sky Blue .....	.60	.20	.10
1206 Shell Pink .....	.60	.20	.10
1209 White .....	.60	.20	.10
1207 All Colors Mixed .....	.30	.15	.05

DWARF DOUBLE ROCKET

1205 Mixed. A compact bushy plant with several dwarf spikes of double flowers; height, 1 foot25	.15	.05
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For Perennial Larkspur, see Delphinium, page 77



Lathyrus (Everlasting Pea)

LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting.

	Oz.	Pkt.
1210 Crimson. Brilliant	\$0.40	\$0.10
1212 Pink Beauty. Bright rosy-pink .....	.40	.10
1214 White .....	.40	.10
1216 Choice Mixed. All colors .....	.30	.05

LAVATERA

Large pkt.

1218 Splendens Rosea. A compact shrubby-like annual plant with glossy foliage and bright pink mallow-like flowers; splendid for cutting and decorative work; easily raised from seed	\$0.20	\$0.10
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LAVENDER (Lavandula Vera)

1220 Well-known hardy perennial, bearing long spikes of fragrant blue flowers; 18 inches	oz. 60c.	.15	.05
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LIATRIS (Blazing Star or Gay Feather)

1227 Pycnostachia. Showy and attractive perennial plants, with long spikes of rosy purple flowers; July to September; 3 to 4 feet50	.10
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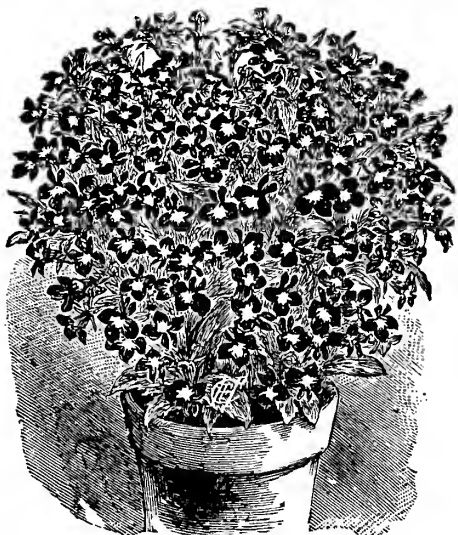
LINARIA See Kenilworth Ivy**LILY OF THE VALLEY (Convallaria Majalis)**

1225 Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring	\$0.25	\$0.10
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LINUM (Scarlet Flax)

1230 Gradiflorum Rubrum. Ideal for bedding, growing dwarf, 1 foot, compact with light green foliage and bright scarlet flowers; annual;	oz. 25c.	.15	.05
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For Perennial Larkspur, see Delphinium, page 77



Lobelia, Barnard's Perpetual

LOBELIA

No garden is complete without an edging of blue Lobelia, and for a long season of bloom and dwarfness there is nothing that can take its place; seeds are best started early in the house, but they may also be sown outdoors, when they will bloom later in the season.

	Large pkt.	Pkt.
1239 Crystal Palace Compacta. Very compact deep blue, the best for edging	\$0.40	\$0.10
1235 Barnard's Perpetual. Deep blue with white eye .....	.30	.10
1241 Crystal Palace Speciosa. Of trailing habit, deep blue, fine for vases .....	.25	.10
1243 Double Flowering. Small double deep blue flowers, resembling little violets .....	.65	.10
1245 Emperor William. Flowers sky blue, plants very compact .....	.30	.10
1249 Gracilis. Of trailing habit, deep blue .....	.20	.10
1255 White Gem. Very compact, snow-white flowers .....	.30	.10
1257 Mixed. All colors .....	.20	.05

PERENNIAL VARIETIES

1237 Cardinalis (<i>Cardinal Flower</i>). Tall spikes of bright scarlet flowers, very showy; thrives in moist situations .....	.50	.10
1252 Illumination (<i>New</i>). Each plant produces one flower stem, strong and broad, compactly clothed with brilliant scarlet flowers; 2 feet... ..	.25	

LOPHOSPERMUM

1260 Scandens. An ornamental annual climber, with showy rosy-purple flowers, resembling Fox-gloves in shape; 10 feet40	.10
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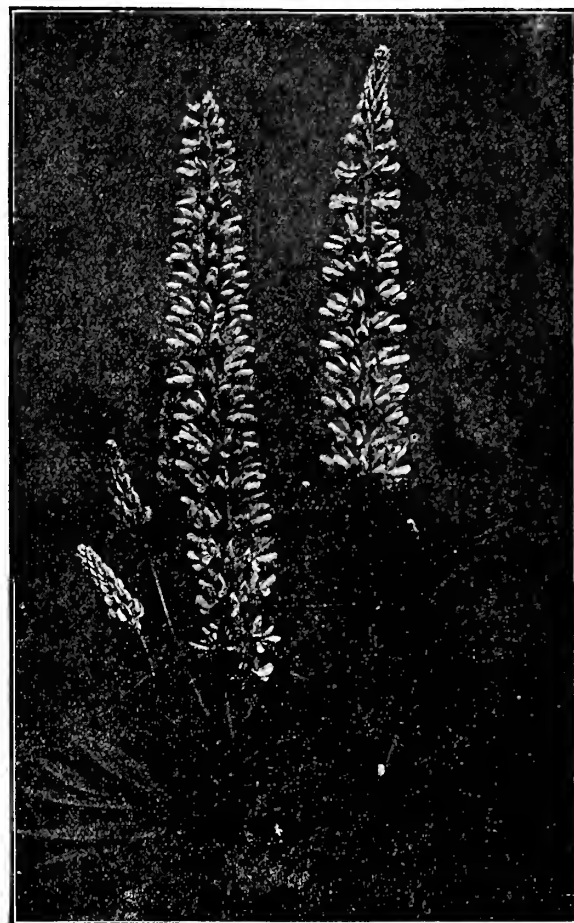
LYCHNIS

Hardy perennial plants of easy culture; most effective in beds or borders.

	Large pkt.	Pkt.
1285 Chalcedonica (<i>Rose Campion</i>). Fine scarlet cross-like flowers; 2 feet; July.....	oz. 40c.	\$0.15 \$0.05
1287 Haageana. Brilliant, large, orange, scarlet, pink, or crimson flowers; mixed; 1 foot; July.....	.20	.10



Marvel of Peru (Four O'Clock)



Lupinus

LUPINS

ANNUAL VARIETIES

It is surprising how few gardens possess this valuable showy flower, which blooms within six weeks after sowing; extremely decorative in the garden, and is equally valuable for cutting and will easily last four days; height, 2 feet.

	Oz.	Pkt.
1268 Pink Beauty. Tall spikes of an exquisite shell pink color	\$0.50	\$0.10
1265 Blue .....	.30	.05
1267 Pink .....	.30	.05
1269 Red .....	.30	.05
1271 Scarlet, White Tipped .....	.30	.05
1273 White .....	.30	.05
1275 Yellow .....	.40	.10
1277 Mixed, All Colors .....	.20	.05

PERENNIAL VARIETIES

Graceful spikes with pea-shaped flowers; thrives best in semi-shady situations; excellent for cutting; July-August; 3 feet.

	Large pkt.	Pkt.
1278 Polyphyllus Roseus. Pink	\$0.40	\$0.15
1280 " Blue .....	.20	.10
1281 " White .....	.20	.10
1279 Perennial Mixed	oz. 30c.	.15 .05

LYTHRUM

1288 Roseum Superbum (<i>Rose Loose Strife</i>). A pretty hardy perennial; plants grow 3 feet high and produce spikes of rosy flowers from July to September15	.10
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MARIGOLD See Next Page

MARVEL OF PERU (Four O'Clocks)

1315 Choice Mixed. Bushy plants of easy culture, producing hundreds of flowers during the entire summer; very showy in the garden; 2 feet	oz.	Pkt.
	\$0.15	\$0.05

MAURANDIA

A beautiful climber of rapid growth for baskets, vases and trellises; produces an abundance of tube-shaped flowers; 10 feet.

	Large pkt.	Pkt.
1320 Barclayana. Purple	\$0.25	\$0.10
1326 Choice Mixed .....	.25	.10



Marigold—El Dorado

MARIGOLD (Tagetes)

Popular free blooming garden plants of easiest possible culture.

AFRICAN VARIETIES

Of tall growth with giant flowers of all shades of yellow; very effective in the garden during the fall season; height, 3 feet.

- 1296 **El Dorado.** Imbricated flowers of immense size Large pkt. Pkt.
in all shades of yellowoz. 40c. \$0.15 \$0.05
- 1307 **Orange Prince.** Flowers very large, of a deep
orange coloroz. 60c. .20 .10
- 1303 **Lemon Queen.** Soft lemon yellow.....oz. 60c. .20 .10
- 1308 **Pride of the Garden.** Dwarf, 18 inches, golden
yellowoz. 60c. .20 .10
- 1300 **Large African.** Tall double mixed.....oz. 30c. .15 .05
- 1311 **Imported Collection, 6 Varieties**25

FRENCH VARIETIES

Of compact dwarf growth with velvety flowers, 18 inches.

- 1290 **Double Pulchra.** Rich golden yellow with deep Large pkt. Pkt.
velvety brown centre; 1 footoz. 30c. \$0.15 \$0.05
- 1294 **Dwarf Gold Striped.** Double, brownish red
striped golden yellowoz. 30c. .15 .10
- 1302 **Legion of Honor (Little Brownie).** Single flow-
ers of golden yellow with a large spot of crim-
son velvet; 6 inchesoz. 35c. .15 .05
- 1306 **Liliput.** Dwarf excellent for pots; small double
flowers; mixed colors; 4 inchesoz. 60c. .20 .10
- 1292 **Dwarf French Mixed.** All colors.....oz. 30c. .15 .05
- 1310 **Imported Collection, 6 Varieties**25

MARVEL OF PERU. (See page 84.)

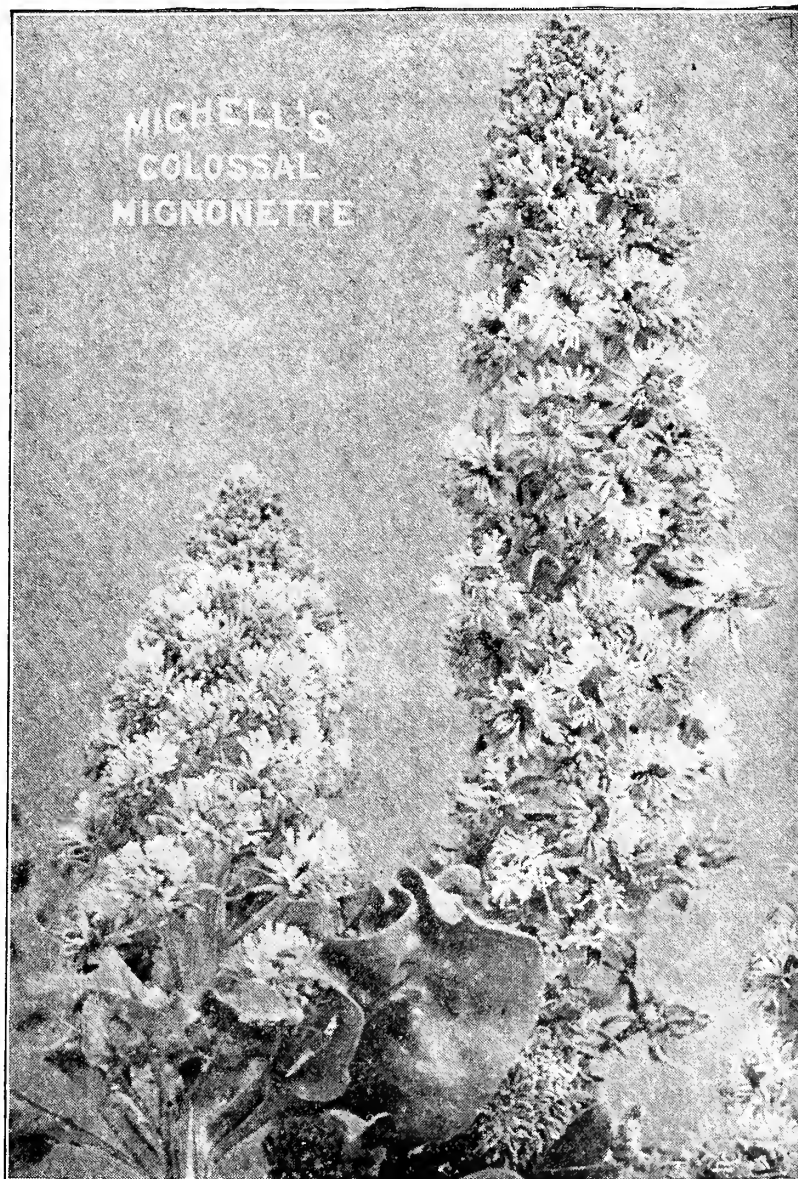
MAURANDIA. (See page 84.)

MIGNONETTE

Valuable for cutting on account of its fragrance; sow in suc-
cession during the whole summer; may also be forced in green-
houses during winter. Large pkt. Pkt.

- 1356 **Michell's Colossal.** Foliage, stalks and flowers
are very robust. The flower-spike often aver-
aging 18 inches; extremely fragrant\$0.50 \$0.15
- 1354 **Hoehl's Giant Flowering.** Seed saved from the
finest specimen grown under glass; very large
and especially suitable for forcing65 .15
- 1340 **Allen's Defiance.** Spikes invariably attain a
height of 12 to 15 inches; deliciously fragrant;
oz. 60c.20 .10
- 1341 **Allen's Defiance Special.** Indoor-grown seed,
extra choice, in original packets 1.00
- 1345 **Bismarck.** Compact plant of strong growth,
stout spikes of large flowers30 .10
- 1355 **Machet.** Large reddish tinted, sweet scented
flowersoz. 50c. .15 .10
- 1349 **Golden Machet.** Large golden flowers; oz. 50c. .15 .10
- 1352 **Goliath.** Giant spikes of brilliant red flowers.. .30 .10
- 1363 **Sutton's Giant.** Reddish buff, original pkts. .. .25
- 1357 **Miles' Spiral.** Flowers whitishoz. 25c. .15 .05
- 1359 **Parson's White.** Large fragrant white flowers;
oz. 35c.15 .05
- 1365 **Sweet Scented.** The popular garden sort; oz.
15c.05
- 1367 **Imported Collection, 10 Varieties**50

For Valuable Novelties and Specialties in Flower Seeds,
see Pages 58 to 64.



MESEMBRYANTHEMUM

Dwarf trailing annuals for rockeries, edgings and vases.

	Large Pkt.	Pkt.
1330 Cordifolium Variegatum. Variegated foliage; rose colored flowers	\$0.30	\$0.10
1331 Crystallinum (<i>Ice Plant</i>). Singular icy foliage; flowers white .....	.15	.05
1332 Tricolor (<i>Wax Plant</i>). Various colors.....	.15	.05

MIMULUS

Showy profuse flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year if sown early.

	Large Pkt.	Pkt.
1370 Moschatus (<i>Musk Plant</i>). Fine for hanging baskets; yellow flowers, fragrant foliage; 6 inches	\$0.30	\$0.05
1372 Moschatus Compacta. Fine for pots and borders; 4 inches .....	.30	.05
1374 Tigrinus (<i>Monkey Flower</i>). Fine mixed tigered and spotted varieties; 1 foot .....	.30	.05

MINA

1380 **Lobata.** Half hardy annual climber, of rapid growth, bearing racemes of flowers the buds of which are orange red, but open orange yellow, and afterwards turn to creamy white....

.30 .10

MONARDA (Bee Balm) (Bergamot)

1382 **Didyma.** Tall plants crowned with whorls of salvia-like, deep scarlet flowers; very showy and attractive; 4 feet; July-August

.65 .15

MOON FLOWER See *Ipomoea*
MORNING GLORY See *Convolvulus*



Myosotis (*Forget-Me-Not*)

MYOSOTIS (Forget-Me-Not)

BIENNIAL VARIETIES

Although biennials these flower the first year from seed. Sown in spring they flower in the fall; if wanted for spring flowering sow in July and transplant in the fall; 1 foot.

	Large Pkt.	Pkt.
1391 Alpestris Victoria. Of bushy habit; bearing large bright blue flowers; very fine; 6 inches..	\$0.30	\$0.10
1395 Eliza Fanrobert. Large flowering, bright blue	.20	.10
1399 Grandiflora Alba. Large white flowers; 6 in.	.25	.10
1400 Grandiflora Rosea. Large pink flowers; 6 in.	.25	.10
1401 Palustris. The true Forget-Me-Not; bright blue flowers; 6 in. ....	.40	.10
1405 Royal Blue. Upright grower; blue .....	.40	.10
1406 Ruth Fischer. A compact plant with light blue flowers; splendid for pots .....	.65	.25
1407 Choice Mixed .....	.75c.	.20

PERENNIAL VARIETIES

These differ from the biennial by reappearing each year in heavier plants and more numerous flowers; 8 inches; all summer.

	Large Pkt.	Pkt.
1393 Dissitiflora. Deep green foliage and attractive deep blue flowers	\$0.40	\$0.10
1403 Palustris Semperflorens. Dwarf; blooms the entire season; deep blue .....	.30	.10

MUSA ENSETE (*Abyssinian Banana*)

1385 A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive, and very effective; 10 to 15 feet. Seeds should be started in wet moss placed over heat. Per 10 seeds, 25c.

NASTURTIUM See pages 95 and 96

NEMOPHILA (*Love Grove*)

Large Pkt. Pkt.

1500 **Mixed.** Free-flowering, of dwarf, compact habit, and bearing a profusion of cup-shaped flowers; thrives best in a cool, shady situation; 1 foot..

\$0.15 \$0.05



Nicotiana (*Flowering Tobacco*)

NICOTIANA (*Flowering Tobacco*)

Large Pkt. Pkt.

Extremely showy annual plants with graceful, slender, tall stems and fragrant flowers; height 3 feet.....

1505 Affinis. Fragrant, tube-shaped, pure white flowers	\$0.15	\$0.05
1506 Affinis Hybrida (<i>New</i>). All colors of the rainbow with sweet, fragrant flowers .....	.25	.10
1508 Sanderae. A new variety of great merit, growing about 2 feet high; flowers of the most handsome carmine-red color; very fragrant...	.25	.10
1509 Sylvestris. A very ornamental variety with deep green leaves, and large, pure white fragrant, drooping flowers; 4 feet .....	.15	.10

NIEREMBERGIA

1521 **Frutescens.** Half hardy perennial; excellent for greenhouse, baskets, vases, or bedding out; flowers white tinted with lilac; 1 foot

.20 .10

NIGELLA (*Love in a Mist*)

1515 Damascena. Showy hardy annual with finely cut foliage and centaurea-like flowers, blue and white mixed; 1 foot .....	.15	.05
1517 Miss Jekyll. Charming, bearing on long stems beautiful flowers of cornflower blue; excellent for cutting; 18 inches .....	.20	.10

OENOTHERA (*Evening Primrose*)

1525 **Mixed.** Beautiful plants of easy culture, producing brightly colored flowers

.15 .05

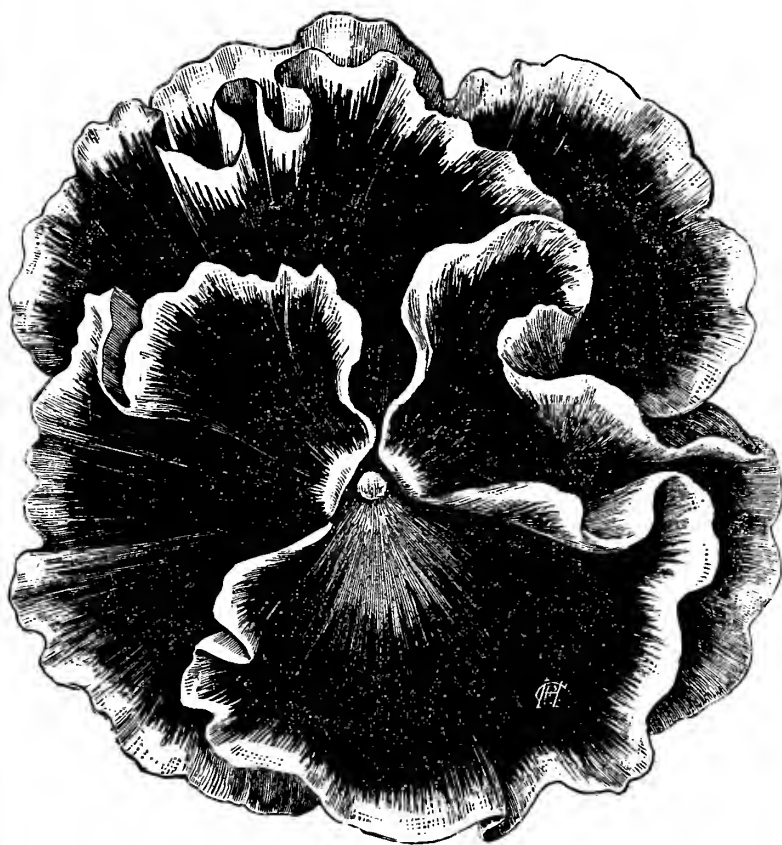
PAEONY

1534 **Mixed.** Hardy herbaceous plants with flowers of various colors; will bloom the third year from seed; double and semi-double

.30 .10

For Michell's Fancy Giant Nasturtiums, see Colored Plate opposite page 96

MICHELL'S GIANT PANSIES



Pansy—Michell's Giant Exhibition

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it for an annual. There are actually three seasons in which pansies can be planted. If started in the house from February till April pansies will begin to bloom from July on; sown outdoors in May beautiful flowers are produced in the fall; sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

PANSIES IN MIXTURES

	Large pkt.	Pkt.
1595 Michell's Giant Exhibition. A blending of our own containing only the very choicest the specialists in Europe have to offer; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz. \$6.00, \$1.00 per 1/8 oz.	\$0.65	\$0.25
1608 Triumph of the Giant. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz. \$10.00, \$3.00 per 1/4 oz. ....	.75	.50
1597 Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties..... 1/8 oz. \$1.00	.65	.25
1599 Giant Trimardeau. Very large flowering; all colors mixed 1/4 oz. \$0.60	.40	.10
1600 Mad. Perret. Early flowering, fragrant, especially rich in red shades; large flowering. 1/4 oz. \$1.25	.65	.25
1601 Masterpiece. New giant curled.... 1/4 oz. \$1.50	.65	.25
1603 Non Plus Ultra. Beautiful colors... 1/4 oz. \$1.50	.65	.25
1605 Odier or Blotched. A beautiful strain. 1/4 oz. \$1.25	.65	.15
1607 Parisian Large Stained. Choicest colors. 1/4 oz. \$1.25	.50	.15
1609 Finest English Mixed. oz. \$1.50	.30	.10
1611 Very Fine Mixed oz. .75	.20	.05
1613 Imported Collection. 6 colors	.40	
1614 Imported Collection. 12 colors	.75	

MICHELL'S GIANT PANSIES

SEPARATE COLORS

A strain secured from the leading Pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

		1/4 Oz.	Large pkt.	Pkt.
1535	Giant Prize Azure Blue. Violet blue...	\$1.00	\$0.50	\$0.15
1537	" " Black Blue. Dark velvety.	1.00	.50	.15
1539	" " Emperor William. Ultra-marine blue	1.00	.50	.15
1541	" " Hortensia Red. Scarlet...	1.25	.50	.15
1543	" " King of the Blacks. Black	1.00	.50	.15
1545	" " Lord Beaconsfield. Violet	1.00	.50	.15
1549	" " Peacock. Upper petals blue, lower petals deep claret with white margin	2.00	.50	.15
1551	" " Snow Queen. Pure white.	1.00	.50	.15
1553	" " Striped and Mottled	1.00	.50	.15
1557	" " White with dark eye	1.00	.50	.15
1559	" " Pure Yellow	1.00	.50	.15
1561	" " Yellow with dark eye	1.00	.50	.15

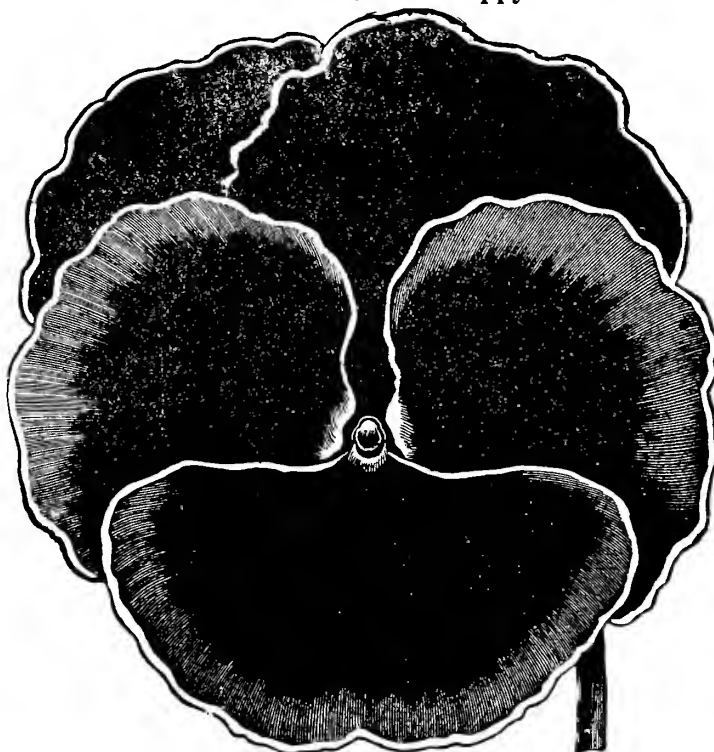
SPECIAL OFFER. We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

PANSIES (Regular Sorts in Separate Colors)

		Oz.	Large Pkt.	Pkt.
1565	Belgian Striped. Showy	\$1.50	\$0.30	\$0.10
1567	Emperor William. Ultramarine blue...	1.50	.30	.10
1569	Faust (King of the Blacks). Almost black	1.50	.30	.10
1571	Gold Margined. Purple, golden edge ..	1.50	.30	.10
1573	Havana Brown	1.50	.30	.10
1575	Lord Beaconsfield. Violet	1.50	.30	.10
1577	Mahogany Colored	1.50	.30	.10
1579	Silver Edged. Purple, silver edge	1.50	.30	.10
1581	Snow Queen. Pure white	1.50	.30	.10
1583	White with dark eye	1.50	.30	.10
1585	Yellow Gem. Pure yellow	1.50	.30	.10
1587	Yellow with dark eye	1.50	.30	.10

SPECIAL OFFER. We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PARIS DAISY. See Chrysanthemum.
PENNISETUM, ORNAMENTAL GRASS. (See page 80.)
PAPAVER. See Poppy.



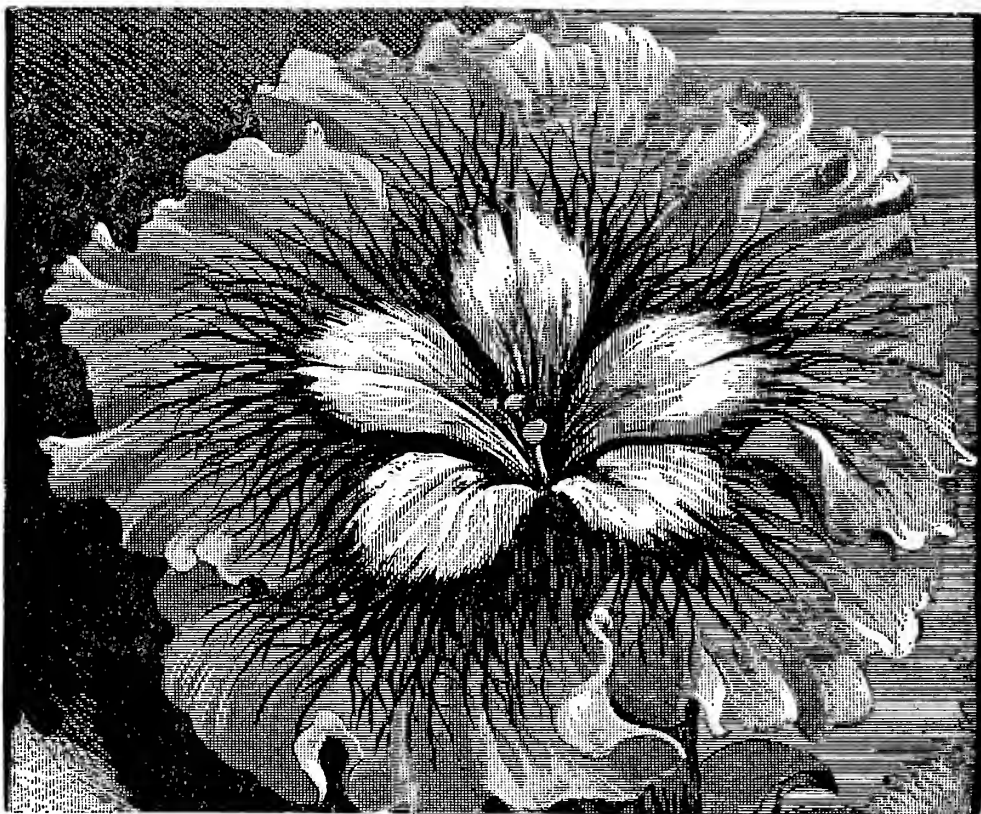
Michell's Giant Prize Pansy

MICHELL'S GLORIOUS PETUNIAS

There is no more deserving flower than the Petunia. Quick to bloom in the early summer, it gives us a bright display long after the first frost has wrought its damage; seeds must be carefully handled as they are extremely fine but the plants are of easiest culture.

SINGLE FLOWERED PETUNIAS

	Large pkt.	Pkt.
1657 California Giants. The largest flower of any petunias, bright and desirable colors, strong robust plants	\$0.65	\$0.25
1665 Grandiflora Fringed. Each petal of these giant flowers is delicately fringed and thus gives the flower a distinct appearance; all colors..	.65	.20
1669 Ruffled Giants. Immense large flowers, exquisitely ruffled and frilled .....	.65	.25
1655 Adonis. Rosy carmine with white throat .....	.40	.10
1663 Dwarf Inimitable. Of dwarf, compact habit; profuse bloomer; flowers striped .....	.40	.10
1662 Enchantress. A new dwarf variety, almost covered with flowers from early summer until killed by frost; the flowers are of many shades and colors .....	.40	.10
1672 Pepita. Fringed flowers of deep scarlet with a white border, very effective .....	.65	.25
1668 Rosy Morn (New). Dwarf, bushy plants, bearing in great profusion brilliant rose flowers with a white throat; excellent for pot culture	\$0.40	\$0.15
1671 Snowball. Compact habit; flowers pure white..	.40	.10
1673 Star (Howard's). A beautiful variety; produces a profusion of crimson-maroon flowers, each having a distinct five-pointed white star.....	.40	.15
1675 Choice Mixed. Striped and blotched; oz., \$1.00	.30	.10
1677 Fine Mixed. All colors	oz., \$0.75	.05
1679 Imported Collection. Large flowering. 6 varieties		.50
1680 Imported Collection. Large flowering. 12 varieties		1.00



Petunia-Grandiflora Fringed

DOUBLE FLOWERING PETUNIAS

As the seed of the double varieties is obtained by hybridization, it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they produce the finest double flowers.

	Large pkt.	Pkt.
1659 Double Fringed White. Extra large, pure white, fringed flowers	\$0.75	\$0.25
1661 Double Fringed Mixed. Selected and hybridized with the greatest care; flowers of large size, beautifully fringed and of choicest colors.		
Per 500 seeds, \$1.00 .....		.25

PASSIFLORA (Passion Flower)

	Large pkt.	Pkt.
1630 Ornamental climbing plants for the greenhouse or the garden, producing showy flowers in profusion; mixed colors	\$0.25	\$0.10

PELARGONIUM. See Geranium

PENNISETUM (Ornamental Grass) (See Page 80)

PENTSTEMON (Beard Tongue)

A beautiful perennial plant producing large spikes of handsome flowers.

	Large pkt.	Pkt.
1643 Barbatus Torreyi. Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet....	\$0.15	\$0.10
1646 Digitalis. Spikes of white flowers, with purple throat; July and August .....	.15	.10
1644 Sensation. Plants producing large spikes of Gloxinia-like flowers of the most brilliant and varied colors; will bloom the first season if sown early; 2 feet; requires protection .....	.40	.15
1645 Mixed. Producing large spikes of handsome flowers; 3 feet .....	.15	.05

PERILLA

1650 Nankinensis. Ornamental annual plants with dark purple foliage; 2 feet15	.05
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PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

	Large pkt.	Pkt.
1732 Virginica. Pink	\$0.20	\$0.10
1733 " Alba. White .....	.30	.10



Double Fringed Petunia

*Phlox Drummondii***PHLOX DRUMMONDII**

One of our finest hardy annuals, on account of its long season in bloom; easily grown from seed; makes a brilliant display as a summer bedding plant.

DWARF GROWING VARIETIES

Excellent for edgings; growing but 8 ins. tall and very compact.

1688	Cecily, Mixed.	Large flowering, dwarf compact	Lge. pkt.	Pkt.
		variety, of many beautiful colors and shades...	\$0.40	\$0.10
1690	Crimson with White Eye		.30	.10
1692	Deep Scarlet		.30	.10
1693	Fair Maid.	Soft pink	.30	.10
1694	Fireball.	Brilliant scarlet	.30	.10
1696	Pink		.30	.10
1700	Snowball.	Pure white	.30	.10
1702	Violet with White Eye		.30	.10
1704	Choice Mixed	1/4 oz. 50c.	.30	.10

TALL GROWING VARIETIES

Plants grow 12 to 15 inches tall, are excellent for groups and cutting; flowers of large size.

MICHELL'S "GRANDIFLORA" STRAIN

		Large pkt.	Pkt.
1710	Alba.	Pure white	\$0.30 \$0.10
1712	Coccinea.	Brilliant scarlet	.30 .10
1714	Pink		.30 .10
1716	Stellata Splendens.	Scarlet with white eye	.30 .10
1720	Choice Mixed.	All colors	oz. 75c. .25 .10
1721	Imported Collection,	12 varieties	.75

VARIOUS PHLOXES

1722	Fine Mixed.	All colors and forms; oz. 60c.	\$0.20 \$0.05
1723	Double Mixed.	Flowers with several rows of petals; fine for cutting	.30 .10
1729	Star of Quedlinburg.	Beautiful star-shaped flowers of various colors	.25 .10

HARDY PHLOX

1725	Decussata.	For a gorgeous show these are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; seeds sown late in fall will germinate in the spring; mixed; 1/4 oz. 60c.	.30 .10
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PINKS See Carnations and Dianthus

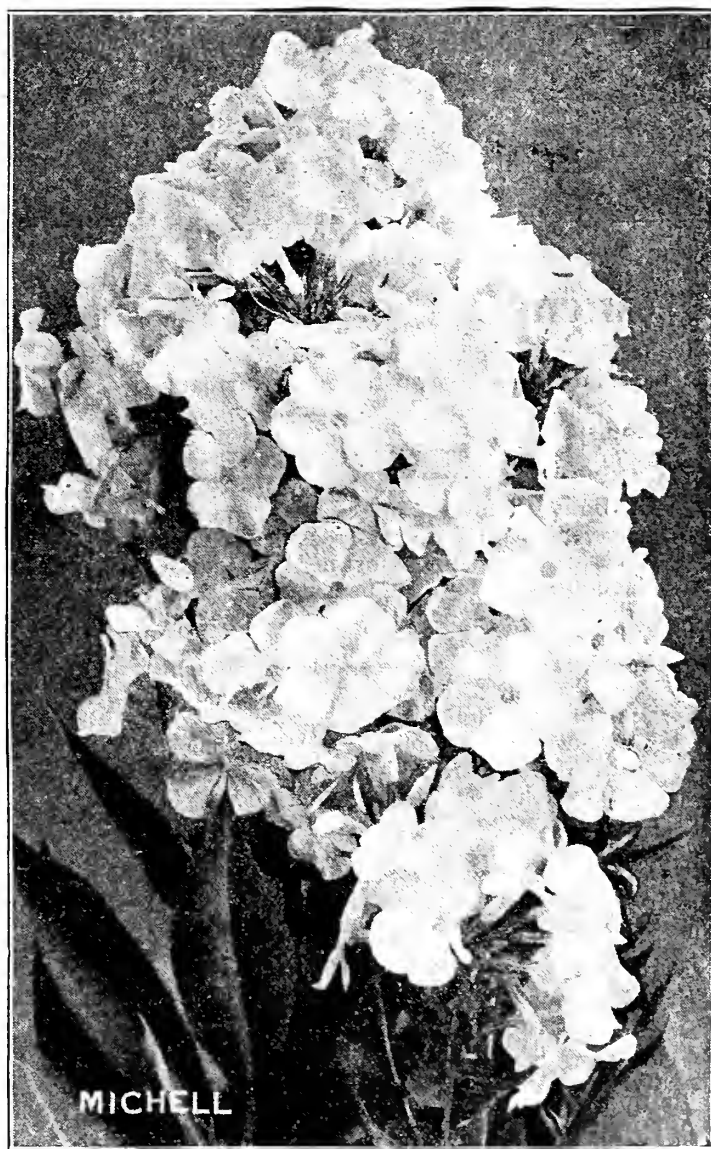
PLATYCODON (Chinese Bell Flower)

1735	Grandiflorum, Blue.	A hardy perennial bearing a profusion of large bell-shaped flowers the whole season; 2 to 3 feet...	Lge. pkt. Pkt. .15 .05
1736	Grandiflorum, White		.15 .05
1737	Japonicus Fl. Pl. (Double Japanese Bell Flower).	Large glossy, deep blue flowers	.40 .15

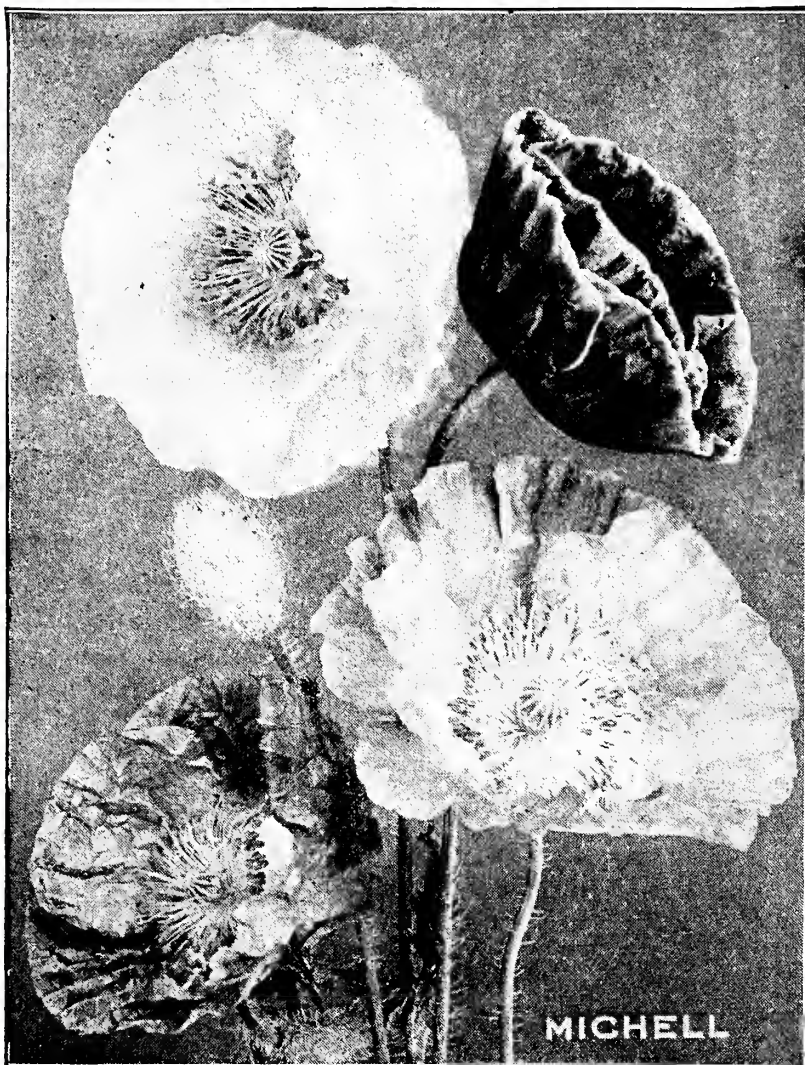
POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, either for pot culture or for garden; succeeds best in partial shade; 9 inches.

		Large pkt.	Pkt.
1738	Gold Laced.	Flowers of brilliant colors, with distinct yellow edge	\$0.50 \$0.15
1740	Double Mixed.	Beautiful colors	.05 .15
1741	English Mixed.	The best single	.30 .10

*Hardy Phlox*

For a brilliant display throughout the Summer, sow a bed of our Phlox



Shirley Poppies

MICHELL'S BRILLIANT POPPIES

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown where they are to remain, as they do not stand transplanting.

SINGLE POPPIES

	Large pkt.	Pkt.
1772 Burbank's Fancy Shirley. A strain producing flowers with exquisitely fringed edges and in the most brilliant assortment of colors.....	\$0.30	\$0.15
1773 Michell's Shirley. A bed of these poppies produces a gorgeous effect in the garden; large flowers with brilliant colors .....	.40	.05
1764 Admiral. Large flower of pure white with broad band of scarlet at edge of each petal... ..	.50	.10
1765 Danebrog. Flowers brilliant scarlet with a silvery-white spot on each petal; 2 feet.....	.25	.05
1769 Maid of the Mist. Large white flowers beautifully fringed; 3 to 4 feet .....	.30	.10
1771 Miss Sherwood. Satiny white with upper half of corolla chamois rose .....	.40	.10
1775 Tulip. A beautiful poppy, resembling a large tulip; color a dazzling scarlet; 1 foot .....	.50	.10
1777 Umbrosum. Rich vermilion with a deep shining black spot on each petal; 2 feet .....	.25	.05

DOUBLE POPPIES

	Oz.	Pkt.
1743 Carnation Flowered. Double fringed flowers, mixed	\$0.20	\$0.05
1745 Crimson King. Flowers perfectly round, crimson; 2 feet .....	.25	.05
1747 Fairy Blush. Flowers white, elegantly fringed and tipped with rose; 2 feet .....	.25	.05

DOUBLE POPPIES (Continued)

	Oz.	Pkt.
1751 Mikado (Striped Japanese). Double fringed flowers, white striped with crimson; 18 inches .....	.25	.05
1753 Paeony Flowered White .....	.25	.05
1755 Paeony Flowered Yellow. Very fine .....	.25	.05
1752 Paeony Flowered Scarlet .....	.25	.05
1757 Paeony Flowered Mixed. Immense double flowers resembling a Paeony; 2 feet .....	.20	.05
1759 Double Shirley. Double large flowers, mixed..	.25	.05
1763 Imported Collection. Double Paeony flowered; 6 varieties .....	.25	

PERENNIAL POPPIES

	Lge. pkt.	Pkt.
1782 Giant Scarlet (Bracteatum). Large flowers... ..	\$0.20	\$0.10
1784 Iceland, Single Mixed. Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 ins. ....	.20	.10
1783 Iceland, White .....	.20	.10
1785 Iceland, Yellow .....	.20	.10
1786 Iceland, Double Mixed. 1 foot .....	.30	.10
1787 Oriente. Extra large flowers; deep scarlet..	.25	.10
1788 Oriente Hybrids. Beautiful flowers, often measuring 6 inches across, of many colors....	.30	.10
1789 Oriente Parkmanni. Deep crimson flowers..	.50	.10
1790 Imported Collection. Perennial poppies, 8 varieties..	.40	



Single Portulaca

PORTULACA

Dwarf-growing plants of easy culture; thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors; 4 inches. Pkt.

1795 Double Mixed. All colors	1/4 oz., \$0.75 (Large pkt., \$0.50)	\$0.10
1797 Single Mixed. All colors .....	.35 (Large pkt., .15)	.05



Michell's Prize Chinese Primula

PRIMULA

FRINGED CHINESE PRIMROSE

Our strains are unsurpassed and have won many first prizes.

1819 Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains; has been awarded numerous

	Lge. pkt.	Pkt.
First Prizes	\$0.75	\$0.25
1805 Alba Magnifica. White flowers with yellow eye .....	.75	.40
1806 Chiswick Red. Brilliant red .....	.75	.40
1807 Holborn Blue. A beautiful shade .....	.75	.40
1809 Kermesina Splendens. Crimson .....	.75	.40
1811 Rosy Morn. Delicate pink .....	.75	.40
1813 Stellata (Sutton's). Excellent pot plant; mixed. Per original pkt.		1.25
1815 Fern Leaved. Choicest mixed colors .....	.75	.25
1825 Imported Collection. 8 varieties .....		.75

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger, and produced in greater abundance.

	Large pkt.	Pkt.
1831 Lilacina. Pale lilac	\$0.65	\$0.20
1826 Rosea. Pink .....	.65	.20
1827 Kermesina. Crimson .....	.65	.20
1835 Alba. White .....	.65	.20
1829 Hybrida Mixed .....	.65	.20

PRIMULA OBCONICA GRANDIFLORA

Large flowers is a feature of this strain.

1828 Compacta. Dwarf, compact plants with dense heads of large rosy lilac flowers .....	.65	.25
1830 Fimbriata. Flowers fringed; mixed colors ....	.65	.15
1837 Vesuvius. Deep crimson .....	.65	.25
1833 Crispa (New). Large flowers, which are crisped or curled, making them very attractive; color, from apple blossom pink to rose .....		.25

PRIMULA—(Continued)

VARIOUS SORTS

	Large pkt.	Pkt.
1845 Primula Kewensis (<i>Verbena Scented Yellow Primrose</i>). Spikes each 12 to 18 inches long, and bearing four to six whorls of bloom; color, soft yellow	\$0.65	\$0.40
1839 Buttercup (<i>New</i>). Yellow flowers; fine for pots .....	.65	.25
1844 Forbesi (<i>Baby Primrose</i>). Small flowers; fine for pots; color, rosy lilac .....	.65	.25
1842 Malacoides (<i>New</i>). This variety originated in the forest of Yunnan, China; resembles Primula Forbesi, but the flowers are much larger; borne in whorls on long stems; if grown in a greenhouse it will bloom in four to five months after sowing; color, a pretty light lilac.....		.25

HARDY PRIMROSES

1840 Cortusoides Sieboldii. Hardy perennial variety; should have slight protection during the winter; also fine for pots; mixed colors.....	.65	.15
1846 Veris (<i>English Cowslip</i>). Hardy perennial; fragrant; mixed .....	.20	.10
1848 Vulgaris (<i>English Primrose</i>). The common hardy English variety; canary yellow .....	.40	.10

PUERARIA THUNBERGIANA (*Kudzu Vine*)

1855 One of the fastest growing. hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms30	.10
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Pyrethrum "Aureum"

PYRETHRUM

FOLIAGE SORTS FOR BEDDING

Foliage plants used for edging of ornamental beds; leaves are finely cut and of a golden yellow color.

	Large pkt.	Pkt.
1860 Aureum (<i>Golden Feather</i>). Bright golden foliage; 8 inches	0z. 50c.	\$0.15 \$0.10
1864 Selaginoides. Leaves very finely cut .....	.20	.10

FLOWERING SORTS

Hardy perennials; fine for borders; very desirable for cutting.

1862 Roseum. Flowers bright rose color; July; 2 feet	Lge. pkt.	Pkt.
	\$0.25	\$0.10
1866 Uliginosum. Large, single white flowers; September; 6 feet .....	.30	.10
1868 Hybridum Single Mixed. Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet .....	.20	.10
1869 Hybridum Double Mixed .....	.65	.25

RHODANTHE (*Everlasting Flower*)

1875 A beautiful annual, for the garden or for pot culture; mixed colors; 1 foot20	.05
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Our strains of Primula cannot be excelled

**RICINUS (Castor Oil Bean)**

These ornamental plants are used with great effect on lawns, as centrepieces in flowering beds such as cannas, etc.

1885	Michell's Giant.	A new hybrid of gigantic dimensions; the stem and stalks are covered with a blue bloom; leaves dark brown and measure 2 to 2½ feet in diameter	Oz. \$0.50	Pkt. \$0.10
1880	Borboniensis.	Beautiful green foliage; 15 feet .....	.15	.05
1882	Cambodgensis.	Large leaves, dark bronzy-maroon; stalk and stems nearly black; 5 feet..	.20	.05
1884	Gibsoni.	Deep red foliage; 5 feet .....	.15	.05
1886	Philippiensis.	Gigantic purple foliage; 10 feet .....	.15	.05
1888	Sanguineus.	Blood-red stalks and clusters of red fruit; 8 feet .....	.15	.05
1890	Zanzibariensis.	Enormous leaves varying in color from light green to purplish red; 12 feet .....	.15	.05
1891	Mixed.	All sorts .....	.15	.05

SAINTPAULIA (African Violet)

1910	Ionantha.	Beautiful greenhouse plants, bearing a profusion of flowers resembling the violet...	.25	
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SALPIGLOSSIS (Painted Tongue)

Easy growing annual plants with large funnel-shaped flowers, beautifully tinted and veined in rich shades; blooms from early summer until late fall; 18 inches.

GRANDIFLORA

		Large pkt	Pkt.
1912	Black, Yellow Veined	\$0.30	\$0.10
1914	Carmine .....	.30	.10
1916	Crimson .....	.30	.10
1918	Pink .....	.30	.10
1919	Our Collection. One packet each of above 4 colors, 35c.		
1920	Choice Mixed. A fine mixture .....	.25	.05
1924	Imported Collection. 6 large flowering varieties...	.30	

EMPEROR

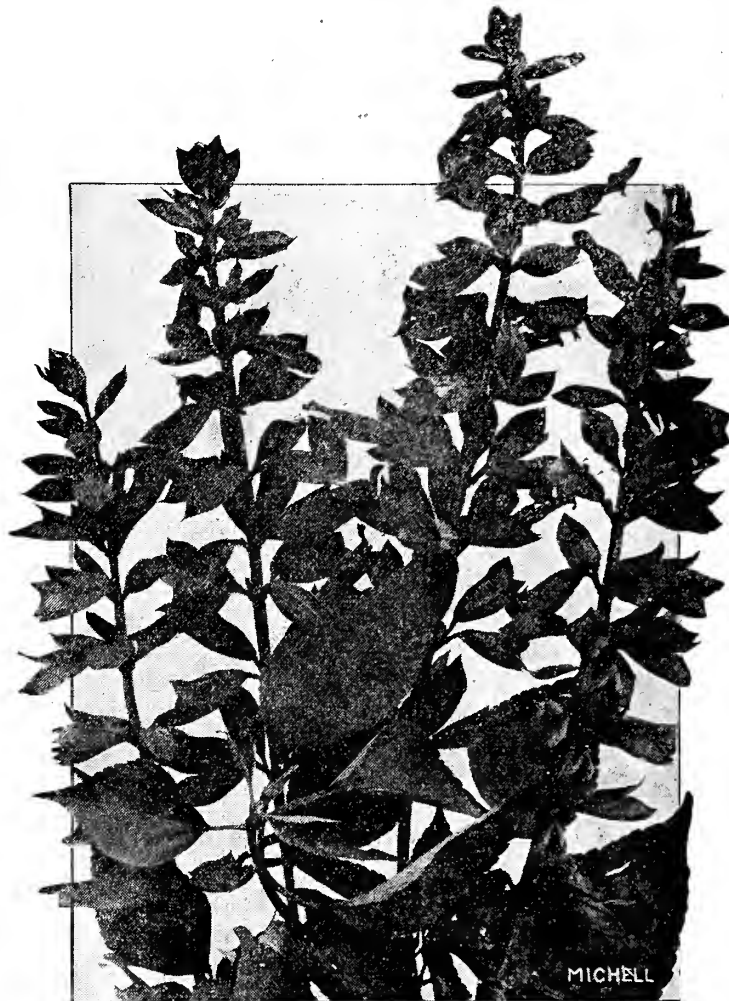
A new type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold, and of immense size.

		Large pkt.	Pkt.
1922	Choice Mixed	\$0.40	\$0.10

RUDBECKIA (Coneflower)

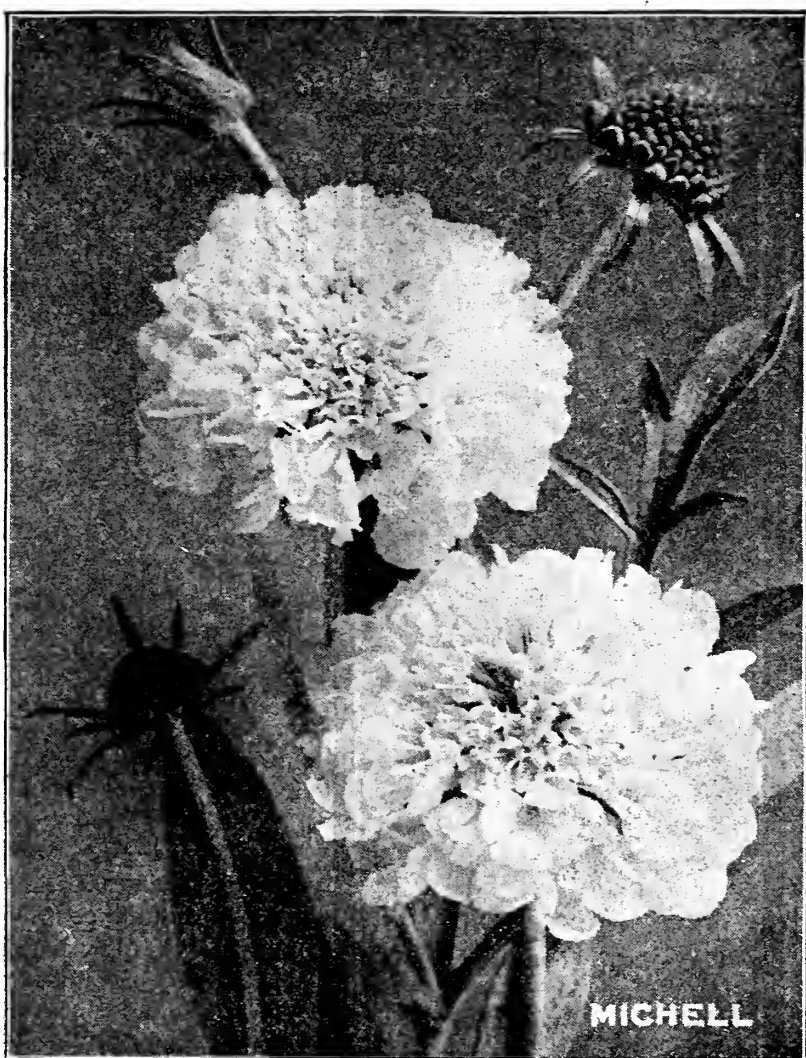
Tall growing plants, flowering profusely all summer.

1900	Bicolor Superba.	Yellow flowers with brown Lge. pkt. disc in centre; annual; 2 feet	\$0.15	\$0.10
1902	Newmani.	Large yellow flowers with black centre; perennial; 2 feet; all summer .....	.40	.10
1904	Purpurea (Giant Purple Cone Flower).	Hardy perennial; showy reddish purple flowers, with dark brown disc; 3 feet .....	.20	.10

*Salvia, Michell's Scarlet Glow***SALVIA (Scarlet Sage)**

This popular bedding plant is impossible to be replaced. There is nothing more effective in the fall or mid-summer than these bright scarlet flowers. Seeds should be started either in the house from February till April or in hotbeds.

		Large pkt.	Pkt.
1941	Michell's Scarlet Glow.	A new variety of great merit, and an improvement on the Zurich; dwarf and compact; produces early in the season a mass of bright scarlet flowers...	\$0.65 \$0.25
1930	Bonfire (Clara Bedman).	Compact bushy plants 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers; ¼ oz. 75c.	30 .10
1928	Ball of Fire.	A dwarf early flowering variety with long spikes of brilliant scarlet flowers; excellent for borders; 18 inches .....	.40 .15
1946	Zurich.	This is the earliest flowering of all salvias; plants are of dwarf, bushy growth and produce an abundance of bright scarlet flowers from early July until frost; height, 18 ins.	.40 .20
1944	Splendens.	The popular sort. Tall growing plants with bright scarlet flowers; height, 3 feet	¼ oz. 50c. .30 .10
1937	King of Carpets.	Exceedingly dwarf growing plants with hardly any foliage and all flowers; color, brightest scarlet; very showy and distinct	.40 .20
1940	Patens.	Bright blue flowers of large size; height, 2 feet .....	.40 .15
1927	Azurea Grandiflora.	A hardy perennial variety producing during August and September spikes of pretty sky-blue flowers; 2 feet .....	.30 .10



Scabiosa, Grandiflora

SCABIOSA (Mourning Bride)

Of easiest culture, these flowers should be in every collection; splendid for cutting or garden effect; keep seed-pods always removed.

TALL GROWING VARIETIES

Flowers large and very showy, on stalks fully 2 feet high.

	Large pkt.	Pkt.
1951 Azure Fairy. Light heavenly blue	\$0.20	\$0.10
1953 Fiery Scarlet	.15	.05
1954 Flesh Pink	.15	.05
1955 King of Blacks. Deep maroon, almost black...	.15	.05
1957 Pompadour. Deep purple	.15	.05
1959 Sulphur Yellow	.15	.05
1961 Pure White	.15	.05
1966 Othello. Dark purple	.20	.10
1964 Finest Mixed	oz. 50c.	.15
1962 Dwarf Double Mixed. Plants grow but 12 ins. high; all colors	oz. 30c.	.15

HARDY PERENNIAL VARIETIES

Handsome perennial border plants flowering the entire season.

	Large pkt.	Pkt.
1950 Caucasica. Soft blue	\$0.40	\$0.10
1948 Caucasica Alba. Pure white	.50	.10
1965 Japonica. Lavender	.50	.15

SENSITIVE PLANT (*Mimosa Pudica*)

	Large pkt.	Pkt.
1975 Curious and interesting annual plants with pinkish white flowers; the leaves droop when shaken; 18 inches	\$0.15	\$0.05

SHAMROCK

1978 True Irish. Small leaved	.30	.15
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SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals, bearing a profusion of pretty butterfly like flowers of various colors, closely resembling some species of Orchids; also desirable for winter blooming in pots.

1968 Grahami Niveus. A new variety with finely cut foliage, with a profusion of snowy white flowers; 2 feet	Lge. pkt. \$0.50	Pkt. \$0.15
1970 Hybridus Grandiflorus. Free flowering, plants covered with flowers of many shades, of orchid-like appearance; 12 inches	.40	.15
1971 Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre	.65	.20
1972 Mixed. Various colors	.15	.05

SHASTA DAISY. See Chrysanthemum

SMILAX

1985 A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing; 10 feet	oz. 50c.	.15	.10
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SNAPDRAGON. See Antirrhinum

SOLANUM

Ornamental plants for winter decoration; of dwarf, branching habit; bears a profusion of bright berries; 1 foot.

1990 Capsicastrum (<i>Jerusalem Cherry</i>). Bright scarlet berries	Lge. pkt. oz. 40c.	Pkt. .15	.10
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STATICE (Everlasting Flower)

1995 Suworowi. An annual variety with pink flowers; fine for winter bouquets; 1 foot	.20	.10
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STEVIA

2000 Serrata. Free blooming for summer or winter; profusion of fragrant white flowers; 2 feet....	.20	.10
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STIPA, Ornamental Grass. (See page 80)



Stokesia, Cyanea

STOKESIA (Cornflower or Stokes' Aster)

Dwarf tufts with stout flower stalks, 15 inches high, with large Aster-like flowers; perennial; July to October.

2055 Cyanea. Light blue	Large pkt. \$0.25	Pkt. \$0.10
2057 " Alba. Pure white	.65	.15

MICHELL'S "DISTINCTIVE" STOCKS

There are far too few fragrant flowers, particularly when the fragrance is pleasing; stocks enjoy the reputation of having the most pleasing fragrance of any flower save the violet; some varieties are splendid for borders, others for cutting and some for both purposes. To get the best results, sow from February till April in the house and transplant to small pots before setting out. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S "FLOWER MARKET" STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	1/2 Oz.	Large pkt.	Pkt.
2053 White	\$1.00	\$0.40	\$0.15
2051 Flesh Color	1.00	.40	.15
2052 Rose	1.00	.40	.15
2050 Light Blue	1.00	.40	.15
2049 Dark Blue	1.00	.40	.15
2048 Blood Red	1.00	.40	.15
2054 Mixed Colors	1.00	.40	.15

MICHELL'S "DISTINCTIVE" COLUMN STOCK

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet.

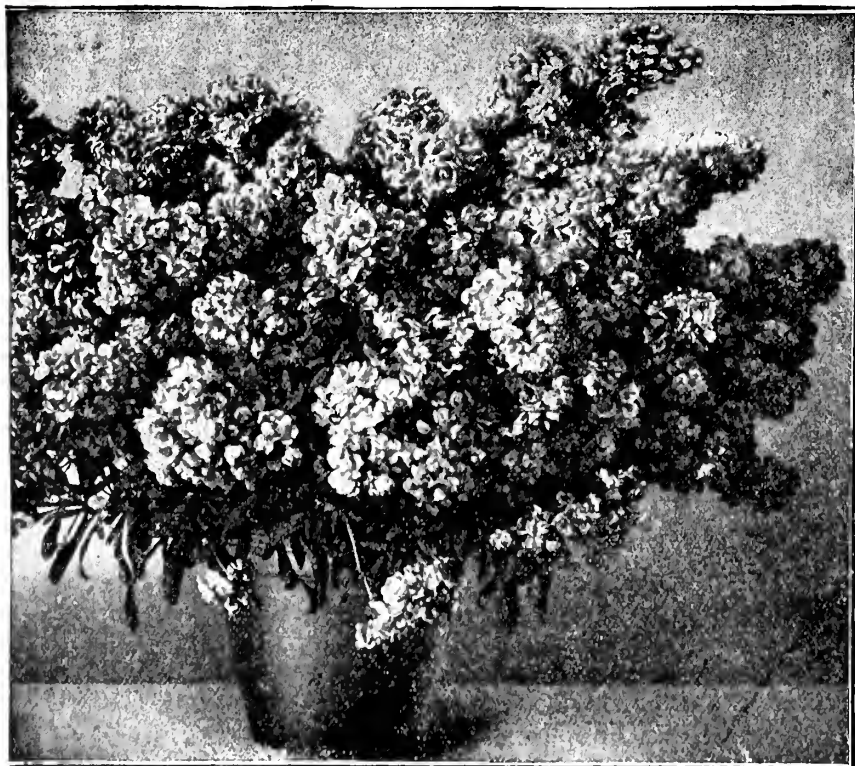
	1/2 Oz.	Large pkt.	Pkt.
2027 Blood Red	\$1.00	\$0.40	\$0.15
2028 Pure White	1.00	.40	.15

LARGE FLOWERED DWARF TEN WEEK STOCK

For bedding there is nothing more effective; dwarf compact growing plants, producing thick short spikes of elegant double flowers.

	1/2 Oz.	Large pkt.	Pkt.
2010 Blood Red	\$0.50	\$0.30	\$0.10
2012 Light Blue	.50	.30	.10
2014 Pink	.50	.30	.10
2016 Purple	.50	.30	.10
2018 White	.50	.30	.10
2020 Yellow	.50	.30	.10
2022 Choice Mixed	.50	.30	.10
2023 Imported Collection. 8 varieties			.50

For the New Winter Stock, "White Lady," see Novelties, page 62.



Stock-Abundance

MICHELL'S "NICE" STOCK

An early flowering strain; remarkable free bloomer, producing an abundance of large double, fragrant flowers on a single plant; fine for garden bedding or cutting.

2035 **Beauty of Nice.** Delicate soft pink. Pkt. 15c., 40c. large pkt.

2036 **Crimson King.** Brilliant fiery crimson. Pkt. 15c., 40c. large pkt.

2038 **Queen Alexandra.** Delicate lavender. Pkt. 15c., 40c. large pkt.

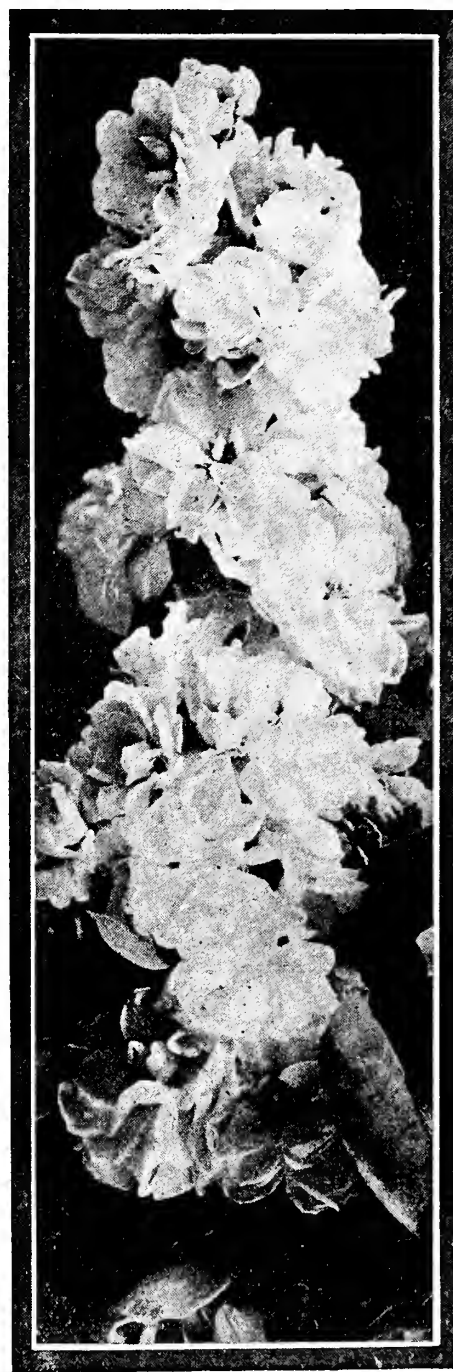
2034 **Victoria.** Pure white. Pkt. 15c., 40c. large pkt.

2029 **Abundance** (see illustration). Of dwarf spreading habit, bearing a profusion of flowers; color, a beautiful shade of carmine rose. Pkt. 25c., 40c. large pkt.

Midsummer Night (New). Deep dark violet. Pkt. 25c.

La Brillante (New). Very early flowering; color, rich brilliant crimson. Pkt. 25c.

Mme. Rivoire (New). Early flowering; color, pure white. Pkt. 25c.



Michell's "Nice" Stock

VARIOUS STOCKS

	Large.	pkt.	Pkt.
2025 Wall Flowered Leaved. Glossy deep green foliage with flowers in all shades.....	\$0.30		\$0.10
2037 Brompton or Winter. Fine for forcing under glass or early summer flowering outdoors....	.40		.10
2039 Excelsior. Colossal spikes with giant flowers of purest white; only one spike to a plant. Per original packet			1.00
2043 Princess Alice (Cut and Come Again). Branching plant with double pure white flowers; fine for cutting .....	.40		.10
2031 Bismarck. Of pyramidal form with a profusion of fragrant, pure white flowers.....	.40		.15
2047 Virginian Stock Mixed. A splendid free flowering plant, growing easily from seed sown outdoors	oz. 30c.	.15	.05



Perennial Sunflower

SUNFLOWER (*Helianthus*)

SMALL FLOWERED SORTS

		Large Pkt.	Pkt.
2087	Starlight. Beautiful single canary-yellow flowers with twisted petals; 4 feet		\$0.20
2070	Cucumerifolius. Single small yellow flowers; oz. 25c.	\$0.15	.05
2072	Cut and Come Again. Single yellow flowers with twisted petals .....	.20	.10
2082	Perkeo. Single yellow flowers; 1 foot .....	.20	.10
2088	Stella. Single golden yellow; with centre.....oz. 30c.	.15	.05

LARGE FLOWERED SORTS

2068	Chrysanthemum Flowered. Large double extremely well filled flowers of purest golden on dwarf bushy plants; 3 feet	oz. 30c.	.15	.05
2074	Double Globe. Large double yellow flowers on branching tall plants; height, 6 feet	oz. 25c.	.15	.05
2076	Dwarf Double. Yellow flowers; 3 feet.....oz. 25c.	.15	.05	
2080	Oscar Wilde. Single yellow, black centre; 6 ft.; oz. 25c.	.15	.05	
2084	Polar Star. Single, creamy white, black centre.....	.20	.10	
2086	Russian Mammoth. Immense single yellow flowers on tall heavy stalks; 6 feet	oz. 10c.		.05

PERENNIAL SORTS

	Showy garden flowers blooming the whole summer.		
2078	Golden Bouquet. Single yellow flowers, 5 feet.....	.25	.10
2085	Red Perennial. Single purple red flowers, 6 feet.....	.50	.25

MICHELL'S FANCY NASTURTIUMS

A great advance has been made of late years in the range of new colors which has been developed in this popular flower, which is one of our most beautiful annuals; easily grown, and producing a great profusion of brilliant colored flowers from within a few weeks after they are sown until they are killed by frost; they will flower more profusely in thin soil. Our Nasturtiums are noted for their size, variety and brilliancy of their colors.

DWARF OR BEDDING (*Tom Thumb*)

Of dwarf, compact growth; excellent for bedding purposes; 1 foot high.

	1/4 lb.	Oz.	Pkt.
1442 Michell's Fancy Giant Mixed. This is one of the finest mixtures ever offered; composed of the largest and finest varieties. Per lb. \$1.35	\$0.45	\$0.20	\$0.10
1440 Choice Mixed. All colors. Per lb. \$1.00 .....	.30	.15	.05
1445 Liliput Mixed. A new variety of very dwarf and compact growth, and producing in the greatest profusion flowers of many new and beautiful colors and shades .....	.45	.15	.05
1446 Queen of Tom Thumbs Mixed. Silver variegated foliage; flowers in a great variety of colors .....	.60	.20	.10
1431 Queen of Tom Thumbs, Crimson. Silver variegated foliage and rich, bright crimson flowers	1/4 lb. \$1.00	Oz. \$0.30	Pkt. \$0.10
1444 Golden Foliage Mixed .....	.60	.20	.10
1417 David Burpee Spencer. New compact plants with emerald green leaves which are wavy and ruffled; flowers deep scarlet on long stems .....	.75	.15	
1410 Aurora. Rich yellow, veined carmine .....	.40	.15	.05
1412 Beauty. Yellow, with scarlet veinings .....	.40	.15	.05
1413 Bronze. Burnished bronze color .....	.40	.15	.05
1414 Chameleon. Produces various colors and markings on the same plant .....	.40	.15	.05
1416 Cloth of Gold. Golden yellow leaves, scarlet flowers. ....	.40	.15	.05

1415	Crystal Palace Gem. Sulphur yellow. ¼ lb.	Oz.	Pkt.	
	spotted maroon	\$0.40	\$0.15	\$0.05
1418	Empress of India. A splendid variety, with dark leaves and crimson flowers..	.45	.15	.05
1420	Golden King. Dark foliage; golden flowers .....	.40	.15	.05
1422	Golden Queen. Foliage and flowers golden yellow .....	.40	.15	.05
1423	King of Tom Thumbs. Dark foliage; scarlet flowers .....	.40	.15	.05
1424	King Theodore. Dark foliage; flowers crimson maroon .....	.45	.15	.05
1426	Lady Bird. Rich orange yellow, with a red blotch at the base of the petals....	.40	.15	.05
1428	Pearl. Creamy white .....	.40	.15	.05
1430	Pink. Soft rose color .....	.40	.15	.05
1429	Prince Henry. Cream, spotted and tipped red .....	.40	.15	.05
1432	Scarlet. Brilliant .....	.40	.15	.05
1434	Spotted. Rich orange, spotted crimson..	.40	.15	.05
1436	Vesuvius. Bright salmon pink .....	.45	.15	.05
1438	Yellow. Bright, with glossy finish .....	.40	.15	.05
1447	Imported Collection. 12 dwarf varieties.....			.50



Michell's Giant Dwarf Nasturtiums

For TALL OR CLIMBING NASTURTIUMS see next page.

MICHELL'S FANCY NASTURTIUMS (CONTINUED)

TALL OR CLIMBING NASTURTIUMS

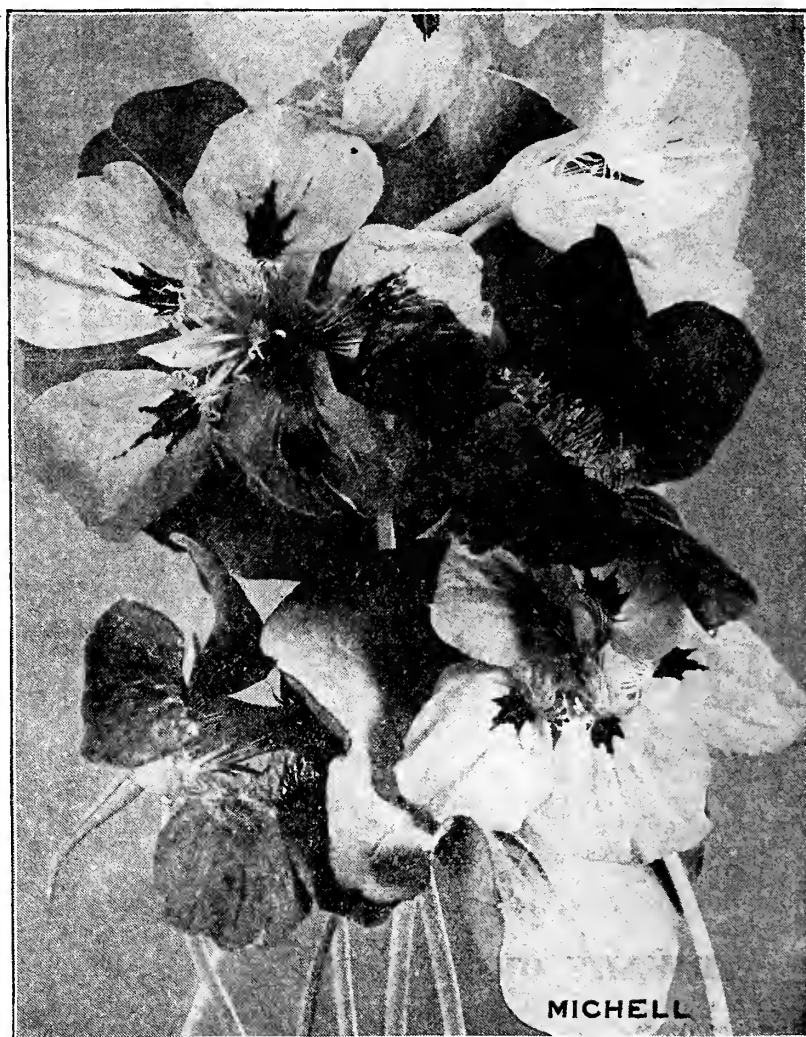
For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost; height, 8 to 10 feet.

1474	Michell's Fancy Giant Mixed. This mixture cannot be excelled for large size, and beautiful colors of the flowers. Composed of the largest and finest varieties. Per lb. \$1.35	1/4 lb. \$0.45	Oz. \$0.20	Pkt. \$0.10
1472	Choice Mixed. Lb. \$1.00 .....	.30	.15	.05
1475	Queen of Talls, Mixed. Silver variegated foliage, flowers of all colors.....	.50	.15	.10
1471	Hybrids of Mad. Gunther. A special strain; all shades and colors. Per lb. \$1.25 .....	.40	.15	.05
1454	Ivy Leaved. Ivy-like foliage and blood-red fringed flowers .....	.50	.20	.10
1450	Chameleon. Produces different colored flowers on the same plant .....	.40	.15	.05
1452	Crimson. Rich, velvety .....	.40	.15	.05
1453	Hemisphaericum. Different shades of orange-salmon and scarlet .....	.40	.15	.05
1456	Jupiter. Color, pure deep yellow, with crinkled petals; of immense size .....	.40	.15	.05
1458	King Theodore. Dark foliage and flowers .....	.40	.15	.05
1460	Orange. A deep shade .....	.40	.15	.05
1459	Prince Henry. Cream, spotted and tipped red .....	.40	.15	.05
1461	Pearl. Creamy white .....	.40	.15	.05
1463	Pink. Soft rose color .....	.40	.15	.05
1462	Scarlet. Very bright .....	.40	.15	.05
1466	Vesuvius. Salmon pink .....	.40	.15	.05
1470	Yellow Striped Scarlet .....	.40	.15	.05
1476	Imported Collection. 12 tall varieties .....			.50

DWARF NASTURTIUMS are offered on page 95



Lobb's Climbing Nasturtium



Michell's Giant Tall Nasturtium

LOBB'S CLIMBING NASTURTIUMS (*Tropaeolum Lobbianum*)

These are exceedingly free-flowering and of the most brilliant colors, with neat dark green foliage; excellent for window boxes, vases, hanging baskets, and rockeries; also for greenhouse or conservatory during the winter; 8 to 10 feet.

1492	Choice Mixed. Lobb's varieties, all colors. 1/4 lb. Per lb. \$1.25	1/4 lb. \$0.40	Oz. \$0.15	Pkt. \$0.05
1480	Asa Gray. Yellowish white .....	.50	.20	.05
1482	Brilliant. Glowing scarlet flowers .....	.50	.20	.05
1484	Giant of Battles. Yellow, blotched carmine .....	.50	.20	.05
1486	Golden Queen. Golden yellow .....	.50	.20	.05
1488	Roi des Noirs. Dark garnet red .....	.50	.20	.05
1489	Rudolph Virchow. Soft, rosy pink ....	.50	.20	.05
1490	Spitfire. Brilliant scarlet .....	.50	.20	.05
1493	Our Collection. One packet each of the above 7 Lobb's varieties for 30c.			

MICHELL'S COLLECTIONS OF NASTURTIUMS

One packet each, 12 Dwarf sorts.....	\$0.50
One " " 6 " " .....	.25
One ounce " 12 " "	1.25
One " " 6 " " .....	.75
One packet " 12 Tall " .....	.50
One " " 6 " " .....	.25
One ounce " 12 " "	1.25
One " " 6 " " .....	.75

Dear Sirs:

Bristol, R. I.

The Nasturtiums I had from you last year beat anything around these parts; excellent variety of colors and were admired by all who saw them.

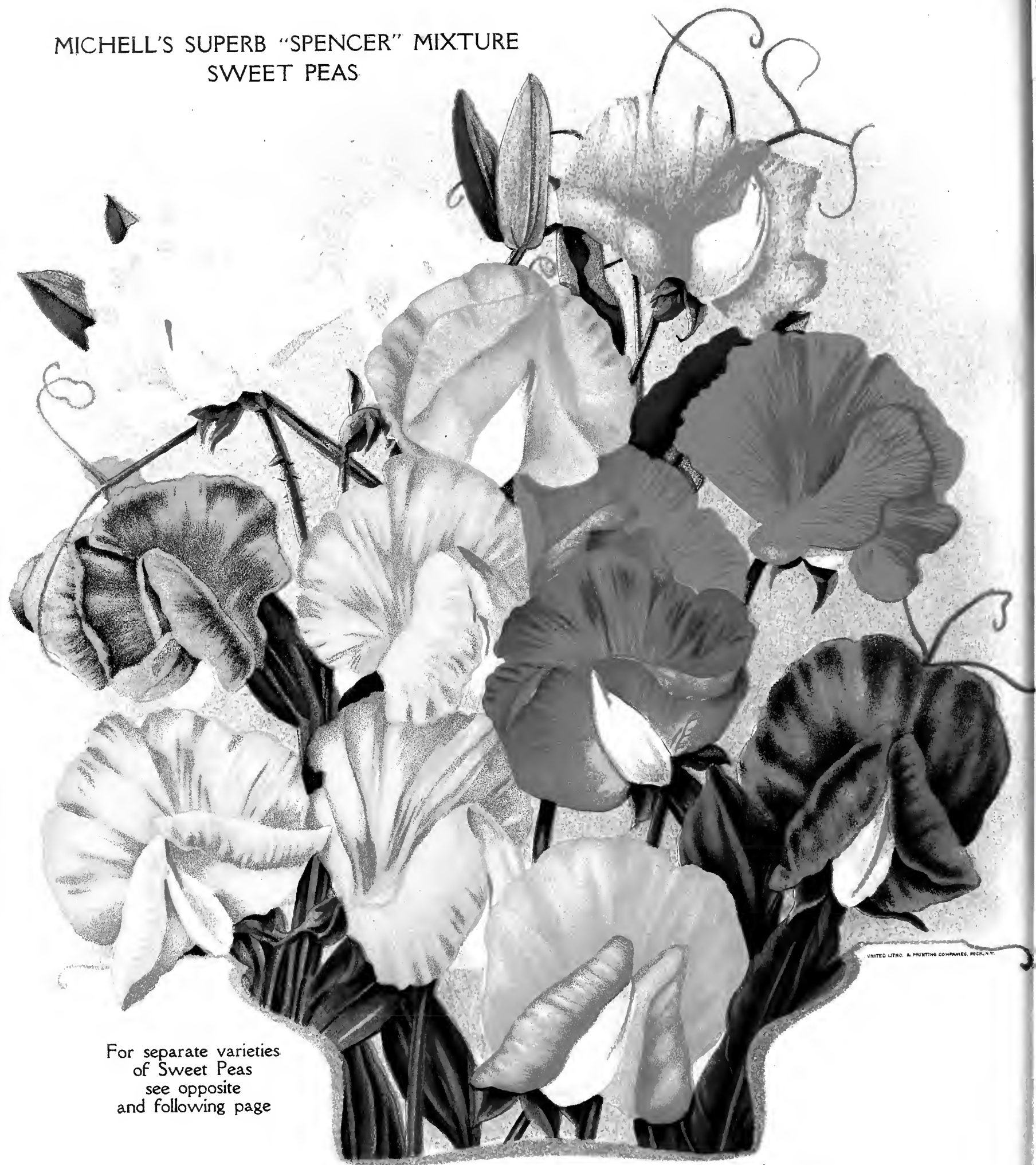


MICHELL'S
FANCY GIANT MIXED
NASTURTIUMS

MICHELL'S FANCY NASTURTIUMS

	Per pkt.	Per oz.	Per ¼ lb.	Per lb.
DWARF FANCY GIANT MIXED	10c	20c	45c	\$1.35
TALL FANCY GIANT MIXED	10c	20c	45c	1.35
DWARF CHOICE MIXED	5c	15c	30c	1.00
TALL CHOICE MIXED	5c	15c	30c	1.00

MICHELL'S SUPERB "SPENCER" MIXTURE SWEET PEAS



For separate varieties
of Sweet Peas
see opposite
and following page

MICHELL'S SUPERB "SPENCER" SWEET PEAS

	Per pkt.	Per oz.	Per ¼ lb.	Per lb.
Mixture of all colors	10c	15c	50c	\$1.50

MICHELL'S "NEW SPENCER" SWEET PEAS



New Spencer Sweet Peas

MICHELL'S "SUPERB" SPENCER MIXTURE

We blend this ourselves from only the choicest varieties known; this we know will give absolute satisfaction..

Pkt.	Oz.	¼ lb.	Lb.
\$0.10	\$0.15	\$0.50	\$1.50

Nothing within recent years can approach in importance the introduction of the "Spencer" Sweet Peas. Though but few years old they revolutionize all former conclusions. The characteristics of this new type is: (1) Enormous flowers (often measuring 2½ inches across) with exquisitely wavy petals. (2) Invariably four flowers to the stem. (3) Stems averaging 12 to 15 inches in length. (4) Plant, foliage, stem and flower of extraordinary robust health. Six sprays of these new Sweet Peas out-strip in appearance 25 sprays of the older kinds.

WHITE

	Pkt.	Oz.	¼ lb.	Lb.
*2216 Nora Unwin. Immense flower, purest white	\$0.10	\$0.20	\$0.50	\$1.50
2225 Purity. Pure white	.10	.20	.60	2.00
*2255 White Spencer. Clear white	.10	.20	.50	1.25
2201 Mrs. Sankey Spencer. Black seeded pure white	.10	.25	.75	2.25

LIGHT PINK

*2135 Countess Spencer. The leading and best pink	.10	.20	.50	1.50
*2152 Gladys Unwin. Delicate pink	.05	.10	.30	1.00
2112 Blanche Ferry Spencer. Immense flowers; pink and white	.10	.30	1.00	3.50
*2156 Florence Morse Spencer. Delicate blush	.10	.25	.75	2.50
2187 Lovely Spencer. Delicate salmon pink	.10	.30	1.00	3.00
2197 Mrs. Hardcastle Sykes. Delicate blush pink, waved	.10	.30	1.00	3.50
2249 W. T. Hutchins. Apricot pink	.15	.60	2.00	
2199 Mrs. Routzahn Spencer. Buff pink	.10	.30	1.00	3.00
2101 Audrey Crier. Orange pink	.10	.30	1.00	3.00
2198 Mrs. Hugh Dickson. Salmon pink on cream ground	.15	.60	2.00	
2247 Sutton's Queen. Creamy buff	.10	.30	1.00	3.50
2157 Helen Lewis. Orange pink	.10	.20	.50	1.50
2191 Martha Washington (New). Pearl white, flushed with pink deepening towards the edges	.15	.75		

DEEP PINK OR ROSE

*2161 Geo. Herbert. Rose pink	.10	.20	.50	1.75
*2099 Apple Blossom Spencer. Deep pink	.10	.25	.75	2.50
2189 Marie Corelli. Rich rose crimson	.15	.60	2.00	

LAVENDER

*2100 Asta Ohn Spencer. Rich lavender	.10	.30	1.00	3.00
*2155 Flora Norton Spencer. Light lavender	.10	.25	.75	2.50
*2153 Frank Dolby. Mauve lavender	.10	.20	.60	2.00
2248 Tennant Spencer. Lavender	.10	.30	1.00	3.00
2147 Florence Nightingale (New). The largest and best lavender	.15	1.00		

DEEP BLUE

*2124 Captain of the Blues Spencer. Deep blue	.15	.30	1.00	3.00
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SCARLET

*2169 King Edward Spencer. Bright crimson	.10	.25	.75	2.50
2160 George Stark. Bright scarlet	.10	.25	.75	2.50
2137 Doris Burt (New). Brilliant scarlet	.15	1.00		

MAROON

2219 Othello Spencer. Deep maroon	.10	.40	1.40	4.00
2223 Prince of Asturias. Large flowers; maroon	.10	.30	1.00	3.50
2108 Black Knight Spencer. Deep maroon	.10	.30	1.00	3.00

STRIPED AND FLAKED

2103 Aurora Spencer. White flaked salmon	.10	.25	.75	2.50
2097 America Spencer. Red flakes on white ground	.25	.75		
2145 Ethel Roosevelt (New). Gigantic flower of soft primrose, flaked daintily with crimson	.15	1.00		

MICHELL'S SELECTED NAMED SWEET PEAS

STANDARD VARIETIES

The varieties we offer below have been selected from a large list and embrace only the very best large flowering sorts, and for freedom of bloom, size of flowers and length of stem cannot be surpassed.

For the convenience of our customers we have arranged the different varieties according to color.

Our Booklet "How to Grow Sweet Peas" included in all orders if requested.

WHITE

	Oz.	¼ lb.	Lb.
2106 Blanche Burpee. Large, pure white....	\$0.10	\$0.25	\$0.75
2136 Dorothy Eckford. Extra large, white...	.10	.25	.75
2150 Emily Henderson. Pure white .....	.10	.25	.75
2202 Mont Blanc. Early; pure white .....	.10	.25	.75

PRIMROSE AND YELLOW

2162 Hon. Mrs. E. Kenyon. Primrose yellow	.10	.25	.75
2163 James Grieve. Primrose yellow.....	.10	.25	.75

ROSE AND PINK

2110 Blanche Ferry. Pink and white .....	.10	.25	.75
2114 Blanche Ferry (Extra Early) .....	.10	.25	.75
2146 Earliest of All. Pink and white .....	.10	.25	.75
2166 Katherine Tracy. Soft but brilliant pink	.10	.25	.75
2186 Lovely. Soft shell pink .....	.10	.25	.75
2222 Prima Donna. Lovely soft pink.....	.10	.25	.75
2226 Prince of Wales. Rose crimson10	.25	.75

ORANGE

2194 Miss Willmott. Deep orange pink.....	.10	.25	.75
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LAVENDER

2134 Countess of Radnor. Pale lavender....	.10	.25	.75
2170 Lady Grisel Hamilton. Pale lavender..	.10	.25	.75
2208 Mrs. Geo. Higginson, Jr. Lavender....	.10	.25	.75
2151 Flora Norton. Delicate lavender.....	.10	.25	.75

CRIMSON AND SCARLET

2168 King Edward VII. Crimson scarlet....	.10	.25	.75
2228 Queen Alexandra. Large scarlet .....	.15	.25	.75
2242 Salopian. Scarlet .....	.10	.25	.75

BLUE AND PURPLE

2122 Captain of the Blues. Standard light purple, wings lavender .....	.10	.25	.75
2142 Duke of Westminster. Standard clear purple, wings violet .....	.10	.25	.75
2214 Navy Blue. Deep violet blue .....	.10	.25	.75

MAROON

2105 Black Knight. Deep maroon .....	.10	.25	.75
2218 Othello. Very dark maroon .....	.10	.25	.75

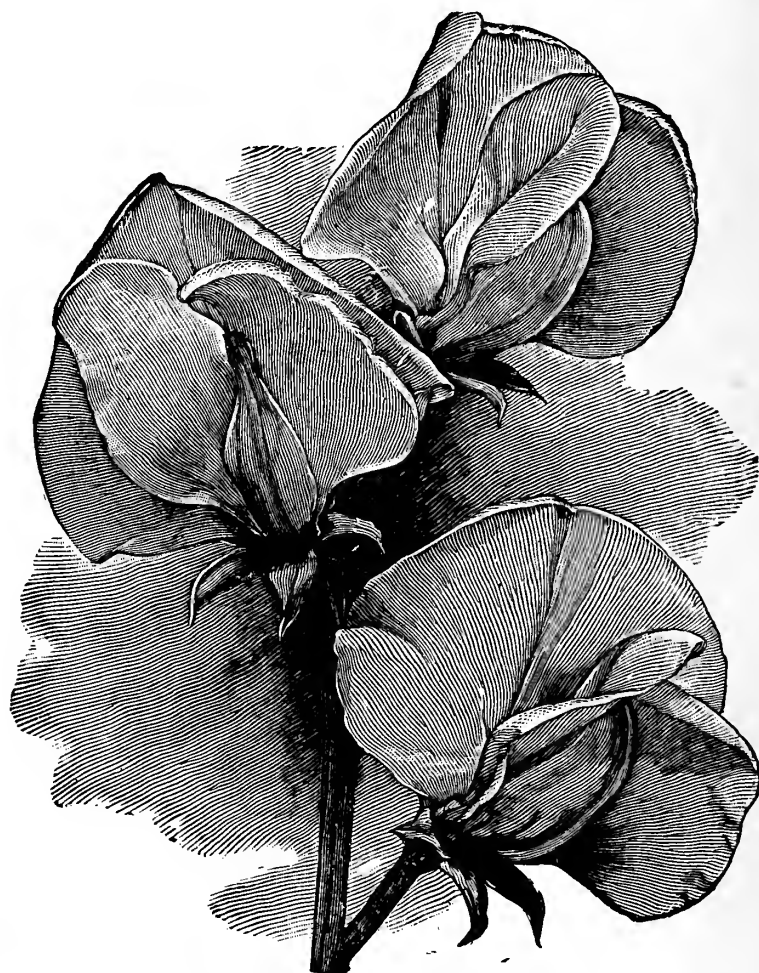
STRIPED AND MOTTLED

2095 America. Blood red striped on white...	.10	.25	.75
2182 Lottie Eckford. White shaded and edged with lavender .....	.10	.25	.75

Price, any of the above Varieties 5c. per packet

SPECIAL COLLECTIONS OF SWEET PEAS

One packet each of any 14 named varieties above.....	\$0.50
One ounce each of any 14 named varieties above.....	1.00
One packet each of the foregoing 28 varieties above.....	1.40
One ounce each of the foregoing 28 varieties above.....	2.75



Sweet Peas—King Edward VII

WINTER FLOWERING SWEET PEAS

The following varieties can be successfully grown outdoors in summer, but are especially desirable for forcing in greenhouse for winter blooming.

	Pkt.	Oz.	¼ lb.
2245 Michell's Snowdrift. Pure white; black seeded; extra early; large flower stems..	\$0.10	\$0.40	\$1.25
2125 Christmas Captain (Michell's). Blue and purple .....	.10	.20	.60
2125A " " (<i>Zvolanek's</i>) .....	.15	.35	1.00
2127 " Pink (Michell's). Pink and white .....	.10	.20	.60
2127A " " (<i>Zvolanek's</i>) .....	.15	.35	1.00
2129 " White (Michell's) .....	.10	.20	.60
2129A " " (<i>Zvolanek's</i>) .....	.15	.35	1.00
2174 Le Marquis (Michell's). Dark blue.....	.10	.20	.60
2174A " (<i>Zvolanek's</i>) .....	.15	.35	1.00
2203 Mrs. Alex. Wallace (Michell's). Lavender	.10	.20	.60
2206 Mrs. Chas. H. Totty (Michell's). Lavender	.10	.20	.60
2207 Mrs. Edie Wild (Zvolanek's). Carmine red	.15	.35	1.00
2209A Mrs. F. J. Delansky (Zvolanek's). Day-break pink .....	.15	.35	1.00
2210 Mrs. Geo. Lewis (Michell's). Pure white	.10	.20	.60
2213 Mrs. William Sim (Michell's). Salmon pink	.10	.20	.60
2211 Mrs. W. W. Smalley (Michell's). Satin pink .....	.10	.20	.60
2257 Watchung (Michell's). Pure white .....	.10	.20	.60
2257A " (<i>Zvolanek's</i>) .....	.15	.35	1.00
2264 Christmas Flowering Mixed (Zvolanek's)	.15	.35	1.00

MICHELL'S SUPERB SWEET PEAS



Michell's Magnificent Sweet Peas

Nitrogen Bacteria "Farmogerm"

The ideal preparation for treating sweet peas seed when planting. Makes larger and more flowers, longer stems; prolongs the blooming period. 50c. per bottle postpaid. See page 19 for full particulars.

Orange, Va.

Dear Sirs:

I must say that in an experience of 30 years in growing Sweet Peas I never before had such strong growth of vines, united with such persistent blooming and fine flowers.

Yours respectfully,
P. S.

Lumberton, N. J.

Gentlemen:

At the two Sweet Pea exhibitions held in this place the prizes awarded were to parties that grew the Sweet Peas from seed procured at your store.

Very respectfully,
C. S. R.

SWEET PEAS IN MIXTURE

The mixtures offered below have been made up by ourselves and must not be compared with some of the cheap mixtures advertised.

2258 **MICHELL'S MAGNIFICENT MIXTURE.** Great care has been taken in making this mixture, selecting only the large flowering, long stemmed varieties, a large percentage of which are of the lighter colors and shades; the finest mixture obtainable.

Price: 5c. per pkt.; per oz., 15c.; 30c. per 1/4 lb.; per lb., 90c.

2260 **MICHELL'S GILT EDGE MIXTURE.** This mixture contains large flowering varieties and represents almost every color and shade in Sweet Peas.

Price: 5c. per pkt.; per oz., 10c.; 20c. per 1/4 lb.; per lb., 60c.

2263 **DOUBLE FLOWERING, MIXED.** Under favorable conditions these will produce a large percentage of double flowers of great beauty.

Price: 5c. per pkt.; per oz., 10c.; 25c. per 1/4 lb.; per lb., 75c.

2277 **BUSH VARIETIES, MIXED.** These grow in perfect bush form to a height of 15 to 18 inches, and branching freely so that the bushes are often 12 to 15 inches in diameter.

Price: 5c. per pkt.; per oz., 10c.; 25c. per 1/4 lb.; per lb., 75c.

2292 **DWARF CUPID VARIETIES, MIXED.** Compact plants, growing 6 to 7 inches high and 12 to 15 inches in diameter, and from June until late summer are literally a sheet of bloom; excellent for edgings or pot culture.

Price: 5c. per pkt.; per oz., 10c.; 25c. per 1/4 lb.; per lb., 75c.



Dwarf Cupid Sweet Peas



Single Sweet William

SWEET WILLIAM (*Dianthus Barbatius*)

This is one of the finest of our hardy garden plants; of easy culture; thriving in any good garden soil and lasting for years. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and shrubbery.

	Oz.	Lge. pkt.	Pkt.
2306 Single Crimson	\$0.40	\$0.15	\$0.05
2307 " Red with white eye .....	.40	.15	.05
2308 " Velvety Maroon .....	.40	.15	.05
2309 " Violet with white eye .....	.40	.15	.05
2311 " White .....	.40	.15	.05
2313 Pink Beauty. An exceedingly pretty variety with beautiful salmon pink flowers .....	.40	.15	
2310 Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed .....	.50	.15	.05
2312 Single Mixed. All colors .....	.30	.15	.05
2314 Double Mixed	1.00	.20	.10

SWEET ROCKET (*Hesperis*)

A desirable hardy plant; excellent for naturalizing among shrubbery or for planting in a permanent border. Large pkt. Pkt.

2300 Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet	\$0.15	\$0.05
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SWEET SULTAN (*Centaurea Moschatus*)

Hardy annual; flowers resemble "Bachelor's Button's"; fragrant purple and white flowers, mixed. Large pkt. Pkt.

2305 Mixed Colors	oz. 30c.	\$0.15	\$0.05
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Tagetes, Golden Ring

TAGETES (Single Marigold)

Large pkt. Pkt.

2320 Golden Ring. Dwarf bushy annual Marigold, with beautiful fern-like leaves, covered with flowers of dark brown, edged yellow; 1 foot..	\$0.20	\$0.05
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THUNBERGIA (Black-Eyed Susan)

Rapid growing annual climbers, making a pretty vine for trellis, fences, rockwork, etc.; also for window boxes, hanging baskets, and vases; produces a profusion of pretty flowers. Large pkt. Pkt.

2325 Alba Oculata. White, with black eye.....	\$0.20	\$0.05
2326 Alata. Buff, with black eye.....	.20	.05
2327 Aurantiaca. Orange, with black eye .....	.20	.05
2328 Mixed. All colors .....	.20	.05



Torenia, Fournieri Grandiflora

TORENIA

Showy bedding plants, flowering profusely all summer; flowers resemble pentstemon; height, 12 inches. Large pkt. Pkt.

2337 Fournieri Grandiflora. Sky-blue flowers, with dark blue spots and yellow throat	\$0.40	\$0.10
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TRITOMA (Red Hot Poker Plant)

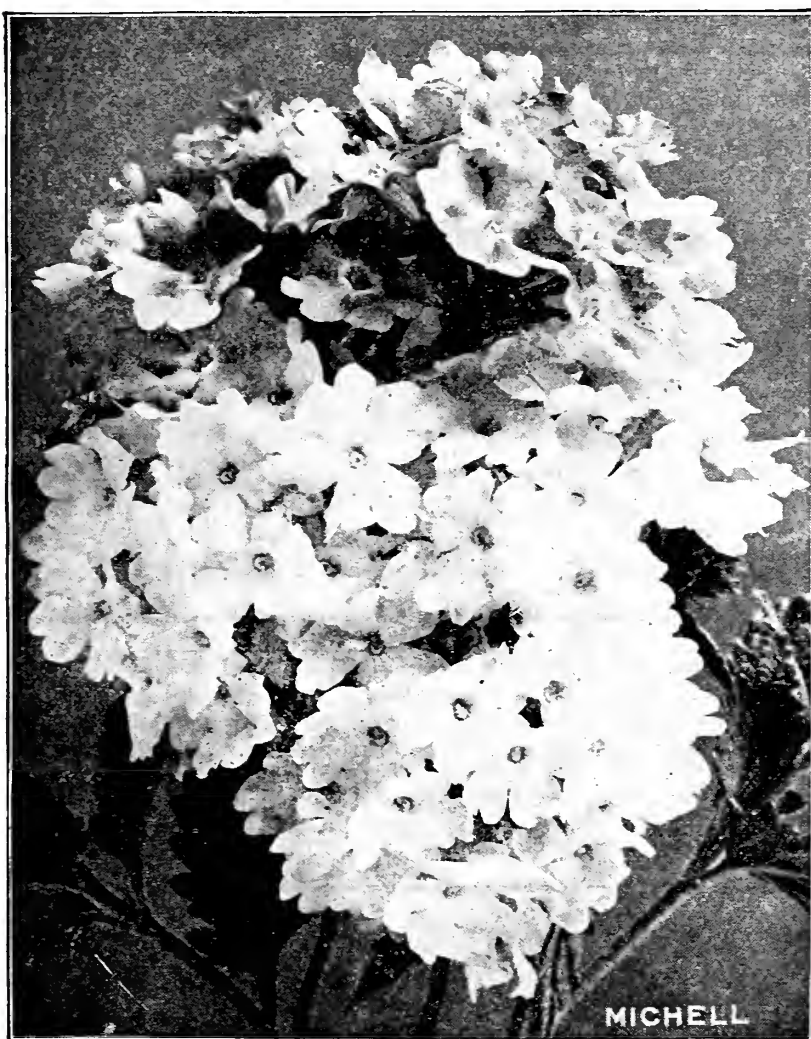
Showy plants either for bedding, vases or pot culture.

2345 Uvaria Grandiflora. A most striking ornamental autumn plant; valuable for shrubberies, flower borders or beds; large spikes of orange-scarlet flowers; 3 to 4 feet30	.10
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IMPORTED COLLECTIONS PERENNIAL FLOWER SEEDS

Collection containing 12 Distinct Sorts.....\$0.40

" " 25 " "75



Michell's Mammoth Fancy Verbena

VERBENA

An excellent annual for beds and massing, and for a gorgeous display during the summer months cannot be excelled, commencing to flower in July and continuing until frost. Our *Mammoth Fancy Strain* cannot be surpassed for profusion of bloom and beautiful colors and shades.

	Oz.	Large pkt.	Pkt.
2355 Blue	\$2.00	\$0.40	\$0.10
2357 Pink	2.00	.40	.10
2359 Scarlet	2.00	.40	.10
2361 Striped	2.00	.40	.10
2363 White	2.00	.40	.10

One packet each of the above 5 colors for 40c.

2365 Michell's Mammoth Fancy Mixed	1.50	.40	.10
2367 New Giant Flowered. A new variety of large size, with extra large white eyes, making them very attractive; mixed colors			.25
2369 Fine Mixed. All colors	oz. 80c.	.25	.05
2371 Lemon Scented (<i>Aloysia Citriodora</i>). An old favorite plant with delightful lemon scented foliage; excellent for growing in the garden in summer and in pots in winter		.40	.10

VALERIANA (Garden Heliotrope)

Hardy perennial border plants, large fragrant flowers; 2 to 3 feet.

	Large pkt.	Pkt.
2348 <i>Officinalis</i> . Showy, rose pink flowers	\$0.50	\$0.10
2350 Mixed. Red, rose or white flowers	.15	.05

VERONICA (Speedwell)

An elegant hardy perennial plant, of easy culture and free-flowering habit; of value as a cut flower or for garden effect. No hardy garden can afford to miss this. Plants grow bushy and produce long spikes of flowers.

	Large pkt.	Pkt.
2373 <i>Spicata</i> . Long spikes of bright blue flowers; 18 inches	\$0.30	\$0.10
2374 <i>Virginica</i> . Long spikes of white flowers; 3 to 5 feet	.30	.10

VINCA ROSEA (Madagascar Periwinkle)

Dwarf bedding plants with deep green glossy foliage and bright single blossoms of striking beauty; sow early.

	Large pkt.	Pkt.
2375 Alba. White with rose eye	\$0.20	\$0.10
2376 Alba Pura. Pure white	.20	.10
2377 Rosea. Rose with dark eye	.20	.10
2378 Mixed	oz. 60c. .20	.10

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in every shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies; they require, though, a semi-shady situation, where they can find abundant moisture. If planted in the open, the bed should be well prepared by adding a large quantity of leaf mould and manure, and regular watering must be given.

	Large pkt.	Pkt.
2385 <i>Admiration</i> . Dark blue	\$0.30	\$0.10
2386 <i>Lutea Splendens</i> . Rich, golden yellow	.25	.10
2387 <i>Perfection</i> . Light blue	.30	.10
2388 <i>White Perfection</i> . Pure white	.30	.10
2389 <i>G. Wernig</i> (New). Flowers borne in great profusion on long stems, and of the identical color of the "Princess of Wales" violet		.25

VIOLET—Sweet Scented (*Viola Odorata*)

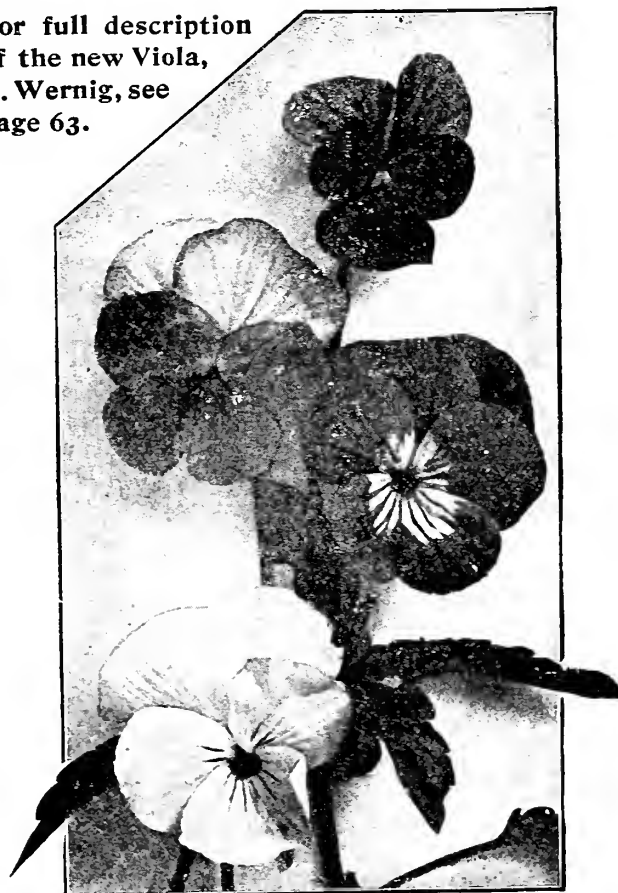
Well-known, fragrant spring-blooming plants.

	Large pkt.	Pkt.
2390 <i>Single Blue Czar</i> . Dark blue	\$0.40	\$0.10
2392 <i>Single White Czar</i> . Large white	.40	.10
2394 <i>Single Mixed</i> . Blue and white	.40	.10

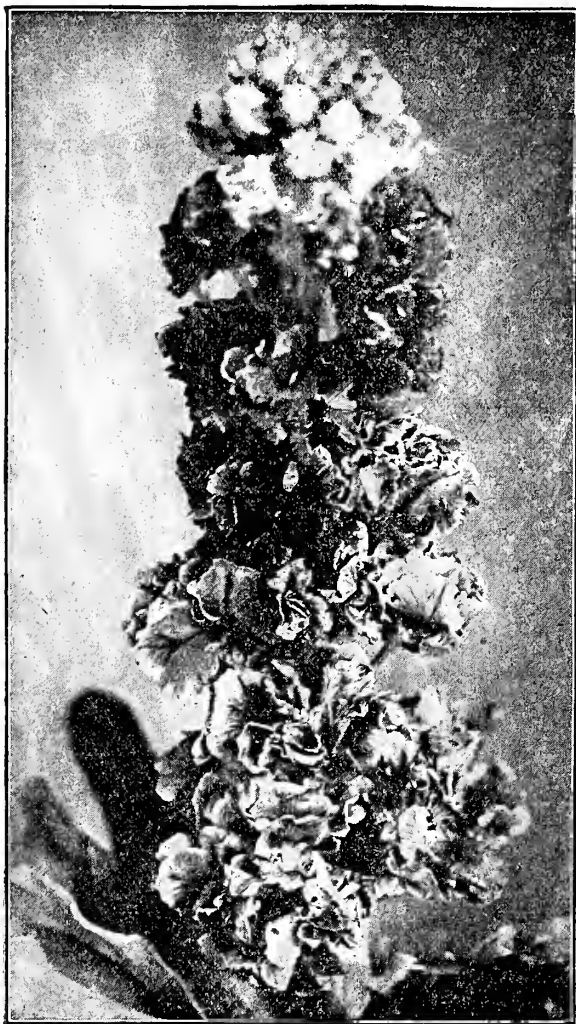
XERANTHEMUM (Everlasting Flower)

2420 <i>Double Mixed</i> . Excellent for winter bouquets	.15	.05
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For full description of the new Viola, *G. Wernig*, see page 63.



Viola Cornuta



Double Wallflower

WALLFLOWER

While they are truly perennial, they are not perfectly hardy and require the following treatment: Late in fall lift the plants and plant in a cold frame where they should remain till early spring, when they can be removed to the garden again; the double varieties grow fully 2 feet high, the single, 15 inches; the flowers are of sweet fragrance and splendid for cutting.

	Large pkt.	Pkt.
2400 Double Brown	\$0.50	\$0.10
2402 " Yellow .....	.50	.10
2404 " Mixed. All colors .....	.40	.10
2406 Paris Extra Early. A single variety, flowering the first year from seed; mixed	oz. \$0.50	.15 .10
2408 Single Mixed. All colors	oz. .30	.15 .05
2410 Imported Collection. 6 double varieties .....		.50

MICHELL'S "DISTINCTIVE" ZINNIA

(Youth and Old Age)

The easiest flower to grow or bloom. Our strains are perfected to the highest possible degree. Tall varieties, 2 feet; dwarf varieties, 18 inches.

	Oz.	Lge. pkt.	Pkt.
2440 Tall Double Crimson	\$0.60	\$0.15	\$0.05
2442 " " Pink .....	.60	.15	.05
2444 " " White .....	.60	.15	.05
2446 " " Yellow .....	.60	.15	.05
2448 " " Mixed .....	.50	.15	.05
2430 Dwarf Double Jacqueminot. Rich crimson .....	.75	.15	.05
2432 " " Pink .....	.75	.15	.05
2433 " " Salmon Rose .....	.75	.15	.05
2434 " " White .....	.75	.15	.05
2436 " " Yellow .....	.75	.15	.05
2438 " " Mixed .....	.60	.15	.05
2453 Red Riding Hood. A most decided novelty; a perfect miniature plant with perfect little double scarlet flowers; excellent for edging; 1 foot .....	.75	.20	.10
2449 Crispa (New). Petals crisped, giving the flowers an odd appearance .....	.60	.20	.10

ZINNIAS—(Continued)

2450 Curled and Crested. Large double flowers, petals curiously curled; mixed; 18 inches	Oz. \$0.60	Lge. pkt. \$0.20	Pkt. \$0.10
2458 Zebra or Striped. Double; 2 feet .....	.75	.20	.10
2460 Single Mixed. Fine for bedding .....	.50	.15	.05
2462 Imported Collection. 6 dwarf double varieties .....			.25
2464 Imported Collection. 6 tall double varieties .....			.25

ROBUSTA OR GIANT ZINNIAS

Flowers of immense proportion, perfectly double and of striking colors; 2½ feet.

	¼ oz.	Lge. pkt.	Pkt.
2470 Scarlet	\$1.25	\$0.50	\$0.20
2473 White	1.25	.50	.20
2468 Golden Yellow	1.25	.50	.20
2466 Crimson .....	.3	pkts. 65c.	.25
2467 Flesh Color .....	.3	pkts. 65c.	.25
2469 Purple .....	.3	pkts. 65c.	.25
2471 Sulphur Yellow .....	.3	pkts. 65c.	.25
2472 Violet .....	.3	pkts. 65c.	.25
2454 Choicest Mixed	oz. 90c. (Large pkt. 25c.)		.10

Special Offer: One pkt. each of the above 8 separate colors for \$1.60.

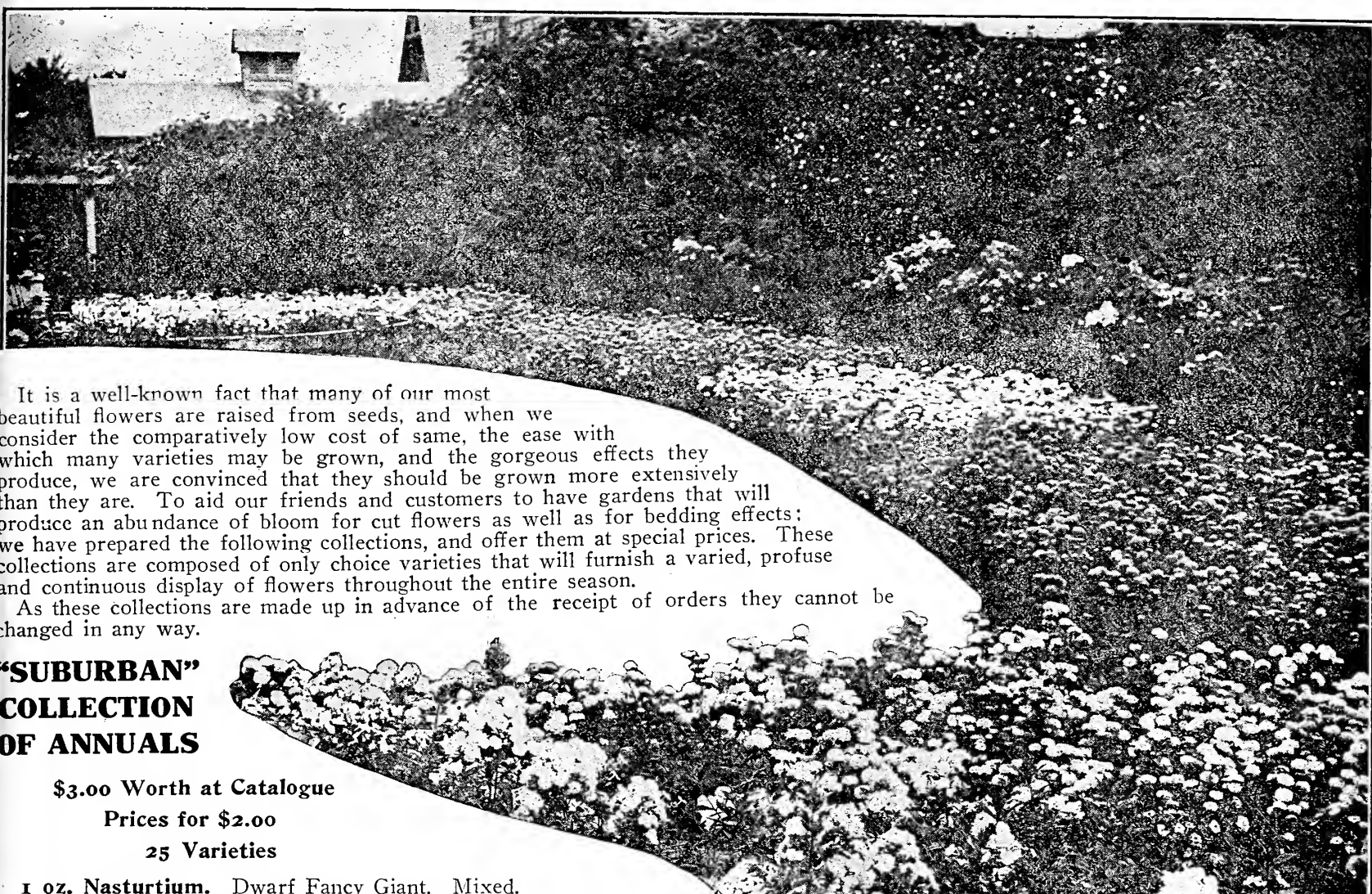
MIXED OR WILD FLOWER GARDEN SEEDS

This mixture embraces about 100 varieties of easy growing, beautiful and interesting flowers, which will furnish a profusion of bloom throughout the entire summer and autumn, without the care necessary for a regularly arranged flower bed. It will be found very useful for sowing on embankments, along fences and on unsightly bare spots; many of the varieties will be found useful for cutting. Price, per pkt. 5c., 15c. per oz. per ¼ lb. 50c., \$1.50 per lb.



Michell's "Distinctive" Zinnia

MICHELL'S SPECIAL ASSORTMENTS OF FLOWER SEEDS



It is a well-known fact that many of our most beautiful flowers are raised from seeds, and when we consider the comparatively low cost of same, the ease with which many varieties may be grown, and the gorgeous effects they produce, we are convinced that they should be grown more extensively than they are. To aid our friends and customers to have gardens that will produce an abundance of bloom for cut flowers as well as for bedding effects, we have prepared the following collections, and offer them at special prices. These collections are composed of only choice varieties that will furnish a varied, profuse and continuous display of flowers throughout the entire season. As these collections are made up in advance of the receipt of orders they cannot be changed in any way.

"SUBURBAN" COLLECTION OF ANNUALS

\$3.00 Worth at Catalogue

Prices for \$2.00

25 Varieties

- 1 oz. **Nasturtium**. Dwarf Fancy Giant. Mixed.
1 oz. **Nasturtium**. Tall Fancy Giant. Mixed.
¼ lb. **Sweet Peas**. Spencer Varieties. Mixed.
1 oz. **Mixed or Wild Flower Garden Seeds**.

And one packet each of the following:

- | | |
|---|---|
| Ageratum . Blue Perfection. | Marigold . Pride of the Garden. |
| Alyssum . Little Gem. | Mignonette . Machet. |
| Aster . Invincible. Mixed. | Pansy . Giant Trimardeau. Mixed. |
| Balsam . Camellia Flowered. | Petunia . Choicest Mixed. |
| Calliopsis . Golden Wave. | Phlox Drummondii . Grandiflora. Mixed. |
| Candytuft . Giant White. | Poppy . Burbank's Shirley. |
| Celosia . Thompsoni Magnifica. | Portulaca . Double Mixed. |
| Centaurea . Emperor William. | Sunflower . Cut-and-Come-Again. |
| Cosmos . Giant Fancy Mixed. | Zinnia . Giant Robusta. Mixed. |
| Dianthus . Double Fringed Mixed. | |
| Eschscholtzia . Golden West. | |
| Larkspur . Giant Hyacinth Flowered. Mixed. | |

"QUAKER CITY" COLLECTION OF ANNUALS

\$1.50 Worth at Catalogue Prices for \$1.00

- 1 oz. **Nasturtium**. Dwarf Fancy Giant. Mixed.
1 oz. **Nasturtium**. Tall Fancy Giant. Mixed.
1 oz. **Sweet Peas**. Magnificent. Mixed.

And one packet each of the following:

- | | |
|---|---|
| Ageratum . Blue Perfection. | Mignonette . Sweet Scented. |
| Alyssum . Little Gem. | Petunia . Choice Mixed. |
| Aster . Improved Branching. | Phlox Drummondii . Grandiflora. Mixed. |
| Centaurea . Emperor William. | Poppy . Carnation Flowered. Mixed. |
| Cosmos . Giant Mixed. | Portulaca . Double Mixed. |
| Larkspur . Tall Stock Flowered. Mixed. | Zinnia . Giant Robusta. Mixed. |
| Marigold . Large African. | |

For Imported Collections of Flower Seeds see page 67.

Effects like the above can be produced by sowing seeds contained in our Collections

"POPULAR" SEED POCKET OF ANNUALS

75c. Worth at Catalogue Prices for 50c.

One packet each of the following:

- | | |
|------------------------------------|--------------------------------------|
| Alyssum . Sweet. | Petunia . Fine Mixed. |
| Aster . Improved Branching. | Phlox Drummondii . |
| Cosmos . Giant Mixed. | Poppy . Pæony Flowered. |
| Marigold . Dwarf French. | Portulaca . Single Mixed. |
| Mignonette . Sweet Scented. | Sweet Pea . Gilt Edge. Mixed. |
| Nasturtium . Dwarf Mixed. | Zinnia . Tall Double Mixed. |
| Nasturtium . Tall Mixed. | Mixed or Wild Flower Garden . |
| Pansy . Very Fine Mixed. | |

COLLECTION OF HARDY PERENNIALS

\$1.60 Worth at Catalogue Prices for \$1.25

One packet each of the following:

- | | |
|---|---|
| Aquilegia . Single Mixed. | Heuchera . Sanguinea. |
| Calliopsis . Lanceolata Grandiflora. | Hollyhock . Chater's Double Mixed. |
| Campanula . Pyramidalis. Mixed. | Lobelia . Cardinalis. |
| Delphinium . Formosum. | Phlox . Decussata. Mixed. |
| Dianthus . Clove Scented. | Poppy . Orientale. |
| Digitalis . Gloxiniaeflora. Mixed. | Pyrethrum . Single. Mixed. |
| Gaillardia . Grandiflora Superba. | Scabiosa . Caucasica. |
| Gypsophila . Paniculata. | Stokesia . Cyanea. |
| | Sweet William . Double. Mixed. |
| | Mixture of Perennial Flowers . |

MICHELL'S SUPERB MIXTURE OF PERENNIAL FLOWERS

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt. 10c., 25c. ½ oz., 1 oz. 50c., \$1.50 per ¼ lb.

Summer Flowering Bulbs and Bulbous Plants

AMARYLLIS

For a practical showy house plant there is nothing of easier culture than these gorgeous lily-like flowers. Once potted they can remain in the same pot for years; increasing each year in beauty.

Cultural Directions: Place bulbs, on arrival, in damp moss in temperature of 60° and allow the flowering shoot to appear before the bulb is potted. When the plant is in progress of blooming water freely, other times sparingly.

Belladonna. A beautiful bright pink. 15c. each, per doz. \$1.50.

Defiance. Deep carmine, striped white. 50c. each, per doz. \$5.00.

Prince of Orange. Orange intermingled with white and green. 50c. each, per doz. \$5.00.

Formosissima. Crimson. 10c. each, per doz. \$1.00.

Hybrids of Vittata. Beautiful species, flowers striped and flaked. 50c. each, per doz. \$5.00.

Johnsoni. A very large crimson sort, striped white. Mammoth bulbs. 50c. each, per doz. \$5.00. Good size bulbs, 30c. each, per doz. \$3.00.

	Each	Doz.
Giant Flowering, Crimson	\$1.00	\$10.00
" " Orange Red	1.00	10.00
" " Red, striped white	1.00	10.00
" " White, striped red	1.00	10.00

SMALL AMARYLLIS OR ZEPHYRANTHUS (Fairly Lily)

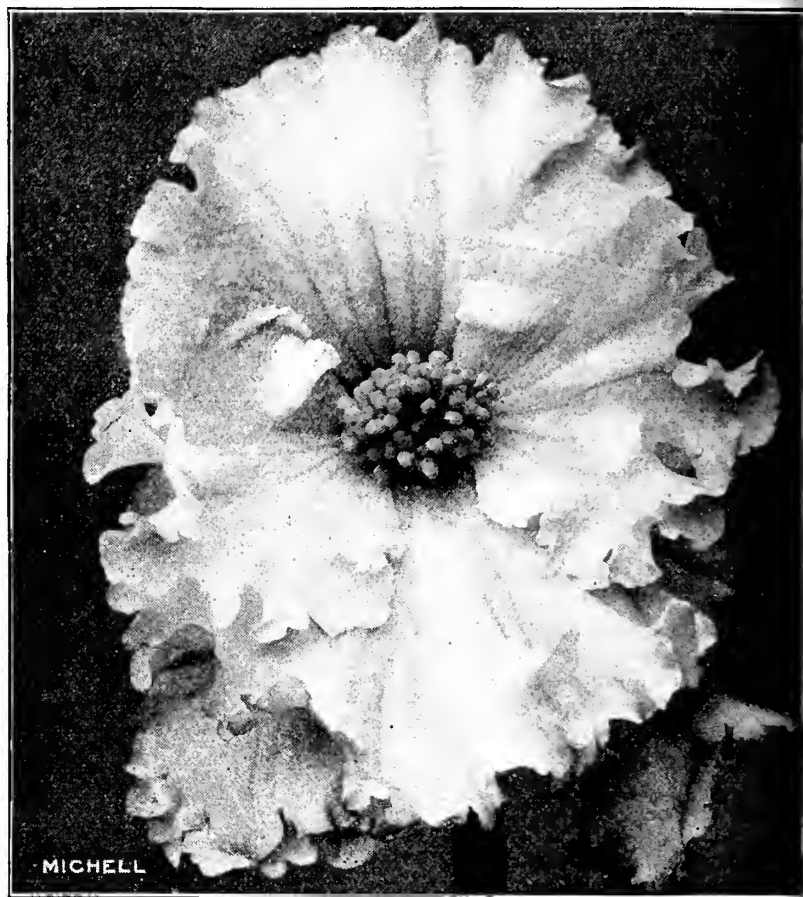
These are strictly outdoor flowers but not hardy and must be lifted every fall. The sweet lily-like blossoms appear like magic very soon after the bulb is planted in May and continue during the entire season.

	Each	Doz.
Treatea Rosea. Pink flowers	\$0.05	\$0.40
" Alba. Purest, white .....	.05	.40

CALADIUM ESCULENTUM (Elephant's Ear)

As centre pieces or specimens in flower beds Caladiums answer well. They also make an excellent edging for a hardy bed of grass, for Ricinus and other tall growing plants. When planted in a bed alone, a border of Scarlet Sage removes the one color effect and makes a beautiful contrast. Do not plant caladiums outdoors until after May 1st, but to get them in early growth, they may be started in doors.

	Each	Doz.	100	Postage
Monster Bulbs	\$0.30	\$3.25	\$20.00	\$0.15
Mammoth Bulbs .....	.20	2.20	15.00	.10
First Size Bulbs .....	.10	1.10	8.00	.05
Second Size Bulbs .....	.07	.75	5.00	.03



New Tuberous Begonia, Crispa Type

NEW BEGONIA CRISPA

The edge of each flower petal is exquisitely frilled and crested, giving thereby the flower a charming appearance. The above illustration, which was made from an actual bloom, will convey some idea of its beauty. Exery one who grows Tuberous Begonias should plant some of this variety.

Mixed Colors. 15c. each, doz. \$1.50, \$10.00 per 100.
Separate Colors. 20c. each, doz. \$2.00 \$15.00 per 100.

BEGONIAS (Tuberous Rooted)

There hardly is a single garden in which there are semi or entirely shaded spots where the average flower will not grow; such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost. The bright flowers contrast well with the deep-colored foliage. The bulbs must be lifted in the fall. If you have never grown them, try them this year; start your bulbs in March and have flowers in June. Plant bulbs outdoors not before May 1st.

SINGLE BEGONIAS

	Each	Doz.	100
Crimson	\$0.10	\$1.00	\$6.00
Orange .....	.10	1.00	6.00
Pink .....	.10	1.00	6.00
Scarlet .....	.10	1.00	6.00
White .....	.10	1.00	6.00
Yellow .....	.10	1.00	6.00
Mixed .....	.07	.70	5.00

DOUBLE BEGONIAS

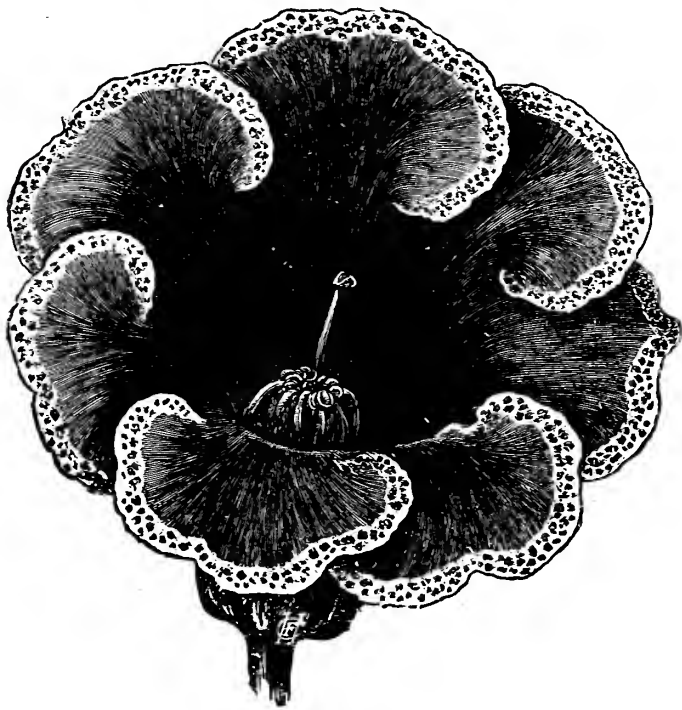
	Each	Doz.	100
Crimson	\$0.15	\$1.50	\$10.00
Orange .....	.15	1.50	10.00
Pink .....	.15	1.50	10.00
Scarlet .....	.15	1.50	10.00
White .....	.15	1.50	10.00
Yellow .....	.15	1.50	10.00
Mixed .....	.12	1.20	8.50

Please add 5c. per dozen for mailing Begonias. Single bulbs mailed free.



The above illustration was made from an actual photograph of one Monster Caladium Bulb purchased from us

SUMMER FLOWERING BULBS AND BULBOUS PLANTS



GLOXINIAS

A gorgeous plant either for conservatory or garden. The plants prefer a moist soil and a shady situation. Bulbs may be started as early as January but should not be set outdoors until after May 15th. They can be easily made to bloom in the house as pot plants. Bulbs must be lifted in the fall.

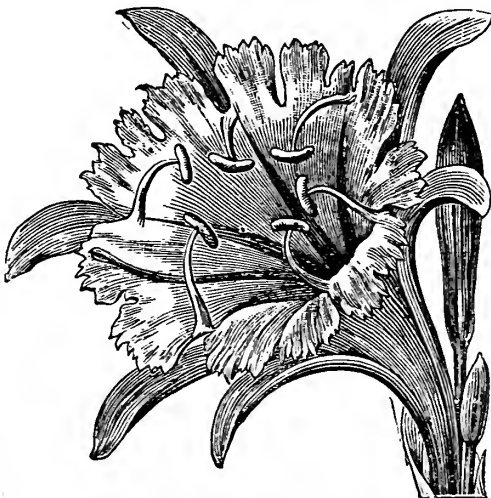
	Each	Doz.	100
Red and Scarlet	\$0.15	\$1.50	\$10.00
White .....	.15	1.50	10.00
Blue .....	.15	1.50	10.00
White Spotted Scarlet .....	.15	1.50	10.00
Scarlet Bordered White .....	.15	1.50	10.00
Blue Bordered White .....	.15	1.50	10.00
Choicest Mixed .....	.10	1.00	6.00

HYACINTHS CANDICANS

A most showy hardy plant attaining a height of 2 feet and more with stout fleshy stalks holding large white bell-shaped flowers in great profusion. These stalks appear simultaneously with the first growth and continue to appear during the entire season. Bulbs can remain in the ground during the winter and require but little protection. For the hardy border they are desirable, but make their best effect when planted in masses before shrubbery. 5c. each, per dozen 50c., \$3.50 per 100.

ISMENE CALATHINA (Pancratium Lily)

One of the choicest of our Summer flowering bulbs, blooming profusely during the entire season, flowers a beautiful waxy white and deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. Large bulbs 15c. each, per doz. \$1.50, \$10.00 per 100.



Ismene Pancratium

FANCY LEAVED CALADIUMS

These make a charming conservatory plant, as individual specimens or planted in masses in boxes. For planting outdoors in a place sheltered from sun and too much violent rain they are very satisfactory. When grown indoors they like a warm temperature, as they are a tropical species of plants. The leaves cover a wide range of shades and colors, and make a grand display.

Choice Named Sorts in 20 separate varieties. 20c. each, per doz. \$2.25, \$18.00 per 100.

Choice Named Sorts in Mixture. 15c. each, per doz. \$1.50, \$10.00 per 100.



Fancy Leaved Caladium

CALLA LILIES

These types of Callas make very useful summer blooming plants, the spotted variety may be handled somewhat like the white, winter blooming kind; the black requires very little water until fully started.

	Each	Per doz
Black	\$0.15	\$1.50
Spotted .....	.10	1.00
Yellow (Elliottiana) .....	.25	2.50

CYCAS REVOLUTA (Sago Palm)

These interesting as well as ornamental plants may be grown from the dormant (leafless) trunk or stem with great success. Fine strong, dormant stems, ready about March 1st. 15c. per lb., 5 lbs. for 65c.

* LILY OF THE VALLEY

Large Clumps. 25c. each, per doz. \$2.50, \$18.00 per 100.

Cold Storage, Russian Brand. Ready at weekly intervals, in not less than 100 lots. \$3.00 per 100, per 500 \$13.50, \$25.00 per 1000.

Cold Storage, Berlin Brand. In not less than 100 lots. \$2.50 per 100, 250 for \$6.00, \$22.50 per 1000.

OXALIS (Summer Blooming)

Deppi. White, small flowers. 2c. each, per doz. 15c., \$1.00 per 100.

Lasiandra. Pink, small flowers. 2c. each, per doz. 15c., \$1.00 per 100.

TUBEROSES

Excelsior Pearl. Pure white. 3c. each, per doz. 25c., \$1.50 per 100.

Excelsior Pearl. Mammoth bulbs. 5c. each, per doz. 50c., \$3.00 per 100.

Variegated Leaved. White. 5c. each, per doz. 50c., \$3.00 per 100.

Albino. Single white. 5c. each, per doz. 40c., \$2.50 per 100.

JAPANESE FERN BALLS

A very attractive novelty. Full cultural directions accompany each ball if asked for. Extra large size, 40c. each, per doz. \$4.00.

MICHELL'S "DISTINCTIVE" CANNAS

These New Varieties we will furnish in
Strong Plants only.

READY AFTER MAY 1st

Nothing adds more dignity to a country
house than a bed of Cannas, they bloom
from early summer until frost making a
brilliant show

Mrs. Alfred F. Conard. The greatest achievement in the line of cannas of the modern age. The gigantic flowers, which are borne in immense clusters on stalks often 5 and 6 feet tall, are of a delightful salmon pink, a shade which becomes more brilliant as the flower develops and which has never before been approached in cannas. The foliage is light green and grows almost to the flower, presenting a splendid contrast. \$1.25 each, doz. \$12.00.

Halley's Comet. Like a comet among the stars, this variety outclasses for brilliancy any other canna. The blazing scarlet flower has a pure yellow throat and a narrow margin around each flower petal. The cluster is large and compact and, by the predominance of yellow over the scarlet, one's eye is immediately arrested by a color that will hold the attention of even the person who might not ordinarily care for cannas. It's a grand success in the green foliage varieties. 75c. each, doz. \$8.00.



The Cannas on this page are of recent introduction and embrace the finest varieties, which have been thoroughly tested.

Minnehaha. Blossoms are extra large and come in great clusters; petals are long, gracefully curved and have wavy edges. The coloring of this flower is superb, transparent sea shell deepening through shades of cream and gold, to a centre of peach-blow pink; foliage green; height, 4 feet. Each 35c., doz. 3.50.

Gladio Flora. Remarkable for the unusual shape of the flowers, which resemble large gladiolus. Petals are short and rounded; color, vivid crimson, changing to carmine pink, with an uneven edge of gold on each petal; foliage green; height, 3 feet. Each 30c., doz. \$3.25.

Wawa. A real good pink, has been the one wanting color in cannas and those who will grow this variety will agree with us when we say this is a lovely soft pink shade. The plants are medium dwarf, about 3 feet, and bear their flowers in immense clusters over rich green foliage. 25c. each, doz. \$2.75.

Rosea Gigantea. A wonderful novelty, the largest of all cannas in existence; color, a rich rose pink; flowers free, foliage green; height, 4 feet. Each 50c., doz. \$5.50.

Meteor. Each root produces from 5 to 6 trusses of bloom, which continue through the entire season. The individual blooms are of gigantic size; color, a rich deep crimson, foliage green; height, 5 feet. Each 60c., doz. \$6.50.

Brilliant. Flowers of medium size, borne on solid trusses; the color is a pure golden yellow with two tongue-like petals of fiery red darting from the centre of the bloom; height, 4 feet, with green foliage. 20c. each, doz. \$2.25.

Venus. Gay rosy pink with a mottled border of creamy yellow; flowers abundantly with heads erect; foliage green; height, 4 feet. Each 15c., doz. \$1.50.

Comte de Sachs. Clear crimson scarlet with immense trusses, showing well above the green foliage; flowers early; height, 4 feet. Each 15c., doz. \$1.50.

MICHELL'S SPECIAL OFFER OF NEW CANNAS

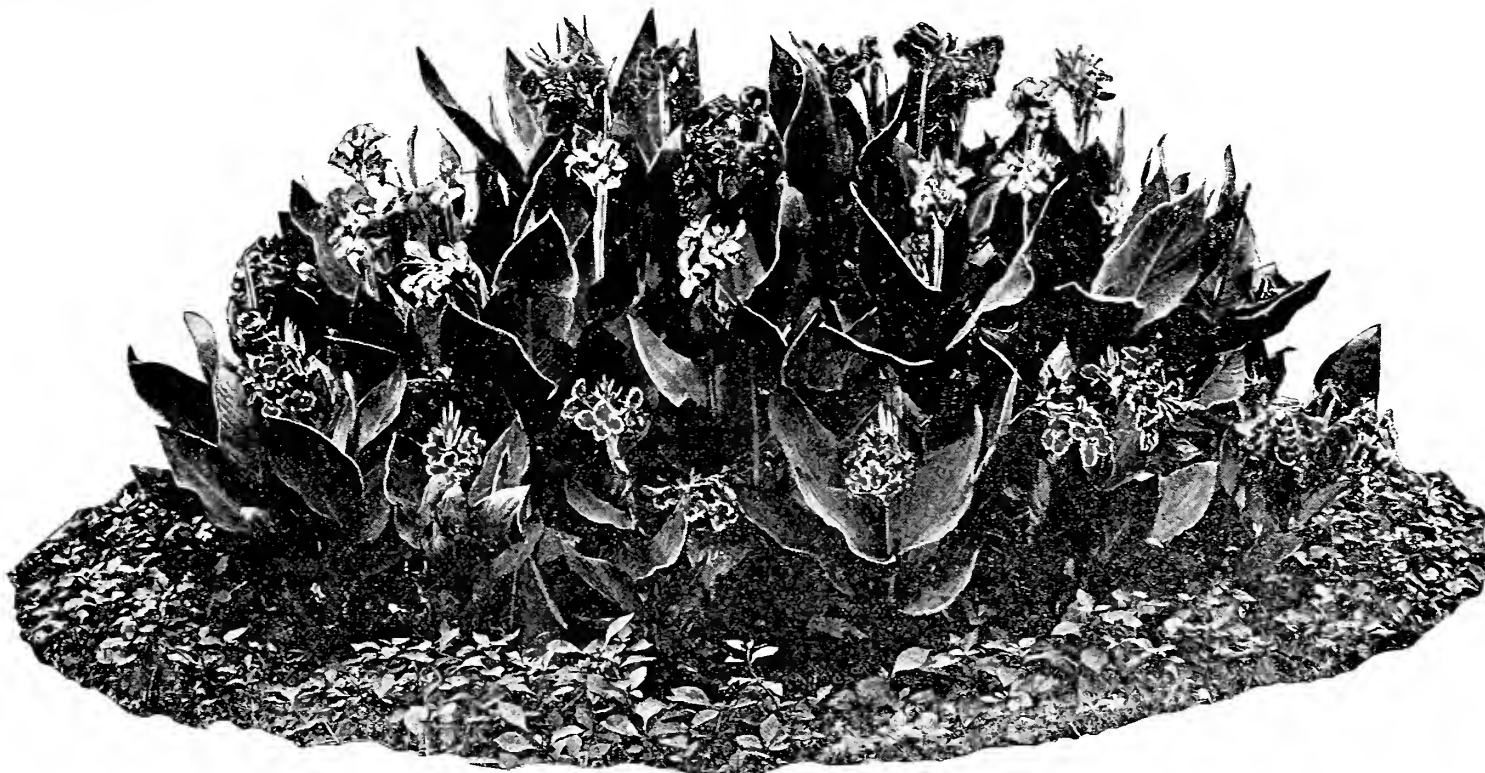
One plant each of the 10 new cannas offered on this page for \$4.00. A chance to get the best in cannas at a bargain price.

Cannas are a Distinctive Feature at Michell's "Evergreen" Seed Gardens

MICHELL'S "DISTINCTIVE" CANNAS

STANDARD LARGE-
FLOWERING VARIETIES

NOTE.—Our prices are for dormant roots in strong divisions of two and three eyes. After May 1st our stock of roots is usually sold, at which time we can fill orders with well-developed plants of any variety on this page (except where noted). 15c. each, \$1.50 per doz., per 100 \$10.00. Price of roots at bottom of page.



RED AND CRIMSON

King Humbert. Truly a king among the cannas, its majestic growth is doubly enhanced by a massive coppery scarlet flower and the broad deep bronze foliage. It grows 4 feet high and is splendid either as a centre, edged with a dwarf yellow canna or *vice versa*, placing it around a centre of a tall yellow variety. Roots 15c. each, doz. \$1.50, \$10.00 per 100. Plants 20c. each, doz. \$2.00, \$15.00 per 100.

Philadelphia. A very satisfactory crimson flowering, appearing abundantly all season; height, 3 feet; green foliage.

Pillar of Fire. Enormous bright scarlet flowers, carried erect in large clusters, appearing like torches when effectively grouped in the centre of a bed; height, 6 feet; foliage green.

Tarrytown. A dwarf variety growing 3 feet high and carrying a massive truss of deep crimson flowers far above the foliage; a solid bed of these is incomparable in beauty.

	Color of Foliage	Height
Alphonse Bouvier. Rich velvety red	green	6 feet
Atalanta. Dark orange scarlet	green	6 "
Black Prince. Very dark crimson	green	5½ "
Brandywine. Bright scarlet	bronze	4 "
Crimson Bedder. Deep red	green	4 "
Chas. Henderson. Fine crimson	green	4 "
David Harum. Bright vermilion scarlet.....	bronze	3 "
Egandale. Bright cherry red	bronze	4 "
Express. Scarlet crimson	green	2½ "
Fairhope. Deep crimson	green	4 "
J. D. Eisele. Vermilion scarlet, shaded orange.	green	3½ "
Jean Tissot. Intense scarlet, tinted orange....	green	5 "
Louisiana. Red, orchid type	green	7 "
Mrs. Kate Gray. Orange scarlet, shaded gold.	green	5 "
Pennsylvania. Deep scarlet	green	6 "
Pres. McKinley. Brilliant crimson	deep green	3 "

CANNAS IN MIXTURE

Mixed Dwarf French. Containing the best sorts only. Each 5c., 50c. per doz., per 100 \$3.50.

Tall Sorts Mixed. Elegant varieties are included in this mixture. Each 5c., 50c. per doz., per 100 \$3.50.

Price of any of the above varieties in strong roots (except where noted), 10c. each; per dozen, \$1.00; \$6.00 per 100.

After May 1st we supply Plants at 15c. each; dozen, \$1.50; \$10.00 per 100, except as noted.

CLEAR YELLOW

Richard Wallace. A remarkably free bloomer, producing gigantic clusters of immensely large individual flowers of a pleasing shade of light yellow. It stands quite erect, about 4 feet high and is the best yellow canna on our list; green foliage.

Buttercup. A dwarf canna with true bright buttercup flowers, which are always a cheer to the eye; the foliage is broad vivid green, and this variety is splendidly adapted to edging bright or scarlet sorts; height, 3 feet.

Burbank. Of medium height (4½ feet); the semi-double yellow flowers of a rich canary shade are very attractively staged; above a light green foliage.

Austria. A tall-growing variety with gigantic blooms of a satiny texture, for that reason they are frequently called orchid cannas; pure golden yellow; 6 feet high; foliage green.

PINK

	Color of Foliage	Height
Martha Washington. Soft pink	green	3½ feet
Shenandoah. Soft pink	bronze	4 "

BICOLORED

Ailemannia. Salmon, bordered yellow, orchid.	green	4 feet
Florence Vaughan. Yellow, spotted crimson..	green	5 "
F. R. Pierson. Crimson, centre yellow.....	green	3 "
Italia. Golden blotched crimson, orchid.....	green	5 "
Mme. Celeste Dubart. Light yellow, blotched pink	green	5 "
Mme. Crozy. Scarlet, bordered yellow	green	3 "
Morning Star. Yellow, dotted red	green	3½ "
Queen Charlotte. Crimson, bordered gold....	green	3 "
Souv. de A. Crozy. Scarlet, edged yellow....	green	3½ "

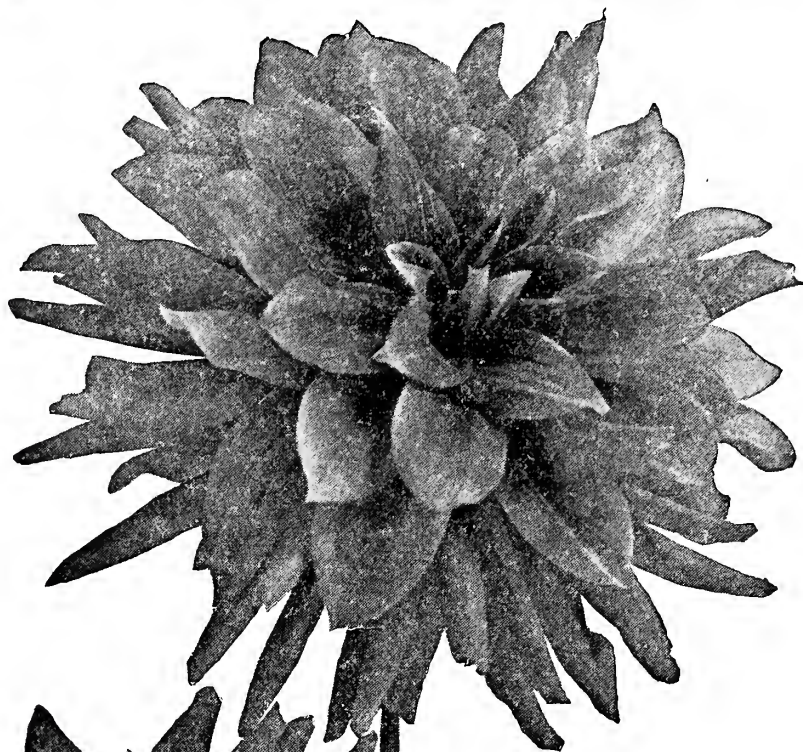
ORNAMENTAL FOLIAGE CANNAS

Robusta Perfecta. Immense dark green leaves with small red flowers; height, 7 feet. Each 8c., 75c. doz., 100 \$5.00.

Black Beauty. The most effective of all the dark colored foliage varieties, having leaves that are enormous in dimensions, of a rich deep bronzy purple color. A grand edging for this variety is Elephant's Ears on the inside, and Scarlet Sage on the outside; height, 6 feet. **Roots,** 20c. each, doz. \$2.00, \$15.00 per 100. **Plants,** 25c. each, doz. \$2.50, \$20.00 per 100.

Musafolia. This has earned its title by its close resemblance to the old-fashioned Abyssinian Banana (*Musa Ensete*). It makes a tall stately plant with rich green foliage; the flower is very small and red in color. A grand variety for background of a border; height, 6 feet.

MICHELL'S SUPERB NEW DAHLIAS FOR 1912



New Dahlia Governor Wilson

Governor Wilson. Of decorative form and a glorious color, brilliant scarlet. The plant is rather compact and throws its flowers far above the foliage, so that a bed of them produces a dazzling effect. It begins to flower extremely early and continues right through till frost, with perfect large flowers. Those who are familiar with the variety Lyndhurst will recognize in this novelty a wonderful improvement on that popular old sort. For garden effect or for cutting it is a grand acquisition.

Plants only. 75c. each, doz. \$7.50.

Dorothy Peacock. A show dahlia of a most pleasing color, a combination of delicate pink with a clear white centre. The flower is of splendid form, perfect in outline, with short loosely formed cups. The great value of this novelty is that the very large flowers are produced on unusual long stiff stems, thereby

Dorothy Peacock (*continued*).

making it an ideal cut flower. Specimen flowers appear as early as August 1st and are found with others blooming at frost time.

Plants only. 75c. each, doz. \$7.50.

Mrs. J. Gardner Cassatt. A giant show dahlia, measuring often 6½ inches in diameter and of very deep formation. They are borne on exceedingly long stems in great abundance; the color is a deep rose pink, which by artificial light as well as by natural light is most pleasing and showy. Its great value is that the giant flowers are carried erect, so one can admire them from every angle.

Plants only. 50c. each, doz. \$5.00.

Rheinkönig. The freest flowering white cactus dahlia, with enormous blooms. The form is not the true cactus type as the petals are broader and more massive and some are split at the tips; but, all in all, its the most showy variety and exceedingly valuable for cutting.

Plants only. 50c. each, doz. \$5.00.

Vater Rhein. The gigantic flowers, often 7 inches across, are carried on straight erect stems; color, soft salmon, gradually shading to deep rose and yellow ground. Massive petals give this flower a conspicuous appearance. Altogether a grand Cactus Dahlia.

Plants only. 50c. each, doz. \$5.00.

Wodan. Very similar in form to the variety preceding this one. The color is salmon, deepening to old gold. A vase of this arranged with autumn foliage is of incomparable beauty.

Plants only. 50c. each, doz. \$5.00.

Princess Julianna. An immense flower in the purest white, of decorative form. Nothing has yet appeared that can approach this novelty for size and beauty. Plants are compact, stems very long and erect.

Plants only. 75c. each, doz. \$7.50.

H. J. Lovink. Offered for the first time in America, an exquisite pæony flowered variety. A giant in size and of a beautiful delicate pink color.

Plants only. \$1.00 each.

Cecilia. A very large pæony flowered dahlia of double form, light yellow, a very showy sort.

Plants only. 50c. each, doz. \$5.00.

Preciosa. Pæony flowered with three rows of petals, enormous in size and of ideal habit; color, beautiful vivid rose; very erect on long stems.

Plants only. \$1.50 each.

Suzanne Cayeux. A very refined flower of true cactus form, having exceedingly fine needle-like petals; color of purest white; very free bloomer.

Plants only. \$1.00 each.

The Bride. A giant single white dahlia, produced on stems averaging 2 feet in length. The petals show great substance and as a rule the cut flower lasts longer than any other sort.

Plants only. 50c. each, doz. \$5.00.

Red Face. A companion to the Bride, possessing all of its good features, but being a brilliant fiery scarlet. A vase combining the above two make a grand show.

Plants only. 50c. each, doz. \$5.00.

SENSATIONAL

NEW DAHLIAS

It is truly said that there is nothing impossible under the sun and one can fully realize this when one first sees the newer forms of Dahlias. Some horticulturists term them artistic, some fantastic, others orchid-flowered—again, others clematis or paeony-flowered. The latter name seems to be most general. No one can deny the fact though that these newer Dahlias have a place strictly their own. They flower abundantly during the entire season; produce gigantic flowers on erect, very long stems, are ideal for cutting or garden decoration. The form resembles more that of a semi-double Japanese Paeony; some varieties are quite fragrant. The varieties mentioned here are of very recent introduction, extremely choice and rare and selected with utmost care. We furnish **young plants only** of these choice novelties, and to those who are not acquainted with the nature of Dahlia plants we wish to say that all experts on this subject declare them to be more satisfactory than roots. **We guarantee satisfaction** with our plants if properly cared for. Plants ready May 1st.

RARE PAEONY-FLOWERED DAHLIAS

	Young Plants Each
Alice Roosevelt. Well formed flowers of white, shaded lilac; a delicate but rich shading; height 4 ft ;	\$0.50
Bertha von Suttner. Exquisite salmon pink, of gigantic size; first flowers are perfectly double; flowers are carried erect. . . . .	.50
Caesar. Pale yellow, of splendid form; desirable color and yet rare in this class. . . . .	.50
Geisha (See illustration). Fantastic, sensational colorings, a combination of scarlet and yellow, such as is only seen in Japanese paintings; flowers are giants and the first specimens are perfectly double; this wins at sight. . . . .	.50
King Edward. Purple crimson, rich and decorative, splendid form; height, 6 feet . . . . .	.50
Philadelphia. Distinct in form and coloring; petals are of Cactus type, two rows with conspicuous yellow center; coloring rose and white, a striking novelty of rare quality. . . . .	.50
Queen Alexandra. Elegant flower, sulphur and white; an open flower on extreme long stem . . . . .	.50
Rheingau. In form similar to the Philadelphia, but of rich scarlet-crimson shade; a heavy flower. . . . .	.50
Riessen-Edelweiss. A companion to "Philadelphia," but having pure white flowers . . . . .	.50
Schneekonigin. Gigantic flowers of snowy white, with two to three rows of massive petals, very free-blooming . . . . .	.50
Türkenbund. Velvety scarlet, heavily tipped golden; a most striking contrast; very showy. . . . .	.50
Yellow Gem. Deep yellow, of splendid form, with large flowers; very free . . . . .	.50

THE COLLECTION OF 12 RARE VARIETIES FOR \$5.00

For a complete collection of all desirable Dahlias, apply for our Special Complete Dahlia Catalogue, out February 1st.

MICHELL'S HANDBOOK ON DAHLIA CULTURE

Written by MAURICE FULD,

An Authority on Dahlias

A carefully compiled work on this modern flower. Describes in detail all of the cultural methods, and explains much that is new along this line. 35c. per copy postpaid, or included free with an order of Dahlias amounting to \$2.50 or more, if asked for.

RARE AND NEW DECORATIVE DAHLIAS

The newer introductions are very meritorious and will easily supplant many of the older sorts.

Delice (see illustration). The best pink Dahlia in existence to-day; color a delicate shell pink, flowers come in profusion on erect, stout stems, (*young plants*) each .35c. doz. . . \$3.50

Jeanne Charmet. Clear, delicate pink with margins of yellow at tip of petals, (*plants*) each 35c., doz. \$3.50

Le Colosse. A massive, deep flower, composed of short petals; color orange red. Each . . . 30c., doz. . . . \$3.00

Le Grand Manitou. The largest decorative in existence; white, striped red, (*plants*), each 75c.

Mrs. A. Cassatt. A gigantic flower carried erect on stout stems with a form resembling somewhat the variety Mrs. Roosevelt. The color is a rich deep rose, clear throughout. Flowers are always perfect and borne freely on a well-formed plant 75c. each; doz., \$7.50

Papa Charmet. Deep maroon, of perfect form and good size (*plants*), each . . . 25c., doz. . . \$2.50

Phenomena. Cactus-shaped florets of a pleasing salmon shade, suffused light amber; (*plants*) each 50c., doz. \$5.00

Tenor Alvarez. Vivid purplish rose, distinctly striped crimson, (*plants*) each . . . 50c., doz. . . . \$5.00

Yellow Colosse. Of massive form on stout, erect stems; color deep yellow, (*plants*) each 50c.

W. W. Rawson. White overlaid amethyst, a large flower with loosely quilled petals, (*plants*) each . . . 30c., doz. . . . \$3.00

The Collection of 10 rare Decoratives for \$4.00



NEWER CACTUS DAHLIAS

There are hundreds of new varieties introduced yearly, and while we do not offer all, we claim that the following list is the very best selection from an unusually large offer, all of which we have personally tested at our Evergreen Seed Gardens at Torresdale, Pa. On account of the rarity of these newer Dahlias, **we can supply them in PLANTS ONLY**, our experience has proven that plants set out all during the month of June gave results equal to that of roots set out early in the season.

Plants ready in May

- Advance.** Very large, brilliant scarlet. 25c. each, doz. \$2.50.
Amazona. Purple violet, extra large. 25c. each, doz. \$2.50.
A. Pickard. Delicate salmon, shaded lighter at the base. 50c. each, doz. \$5.00.

- Aurora.** A gem, being a combination of gold and pink, tipped white. 25c. each, doz. \$2.50.
Australian. Deep rich purple. 25c. each, doz. \$2.50.
Aviator. Bright violet rose. 50c. each, doz. \$5.00.
Beloit. The most massive cactus dahlia in existence, flowers average 8 inches across, 3 inches deep, of a purple crimson shade. 35c. each, doz. \$3.50.
Boston Yellow. Dwarf yellow, fine for cutting. 25c. each, doz. \$2.50.
C. E. Wilkins. Clear salmon pink, overshadged yellow. 25c. each, doz. \$2.50.
Cockatoo. Some flowers clear yellow, some clear white, others of combination of the two colors. 25c. each, doz. \$2.50.
Crepuscle. A fine large flower of fawn pink. 25c. each, doz. \$2.50.



Cactus Dahlia Flieder

- Dawn.** Yellow at base, deepening to cerise. 50c. each, doz. \$5.00.
Delicatissima. A fine shaped flower of delicate blush pink. 35c. each, doz. \$3.50.
Dorothy. Lovely silver pink with white tips on the reverse side. 50c. each, doz. \$5.00.
Dragon d'Or. Intense canary yellow. 50c. each, doz. \$5.00.
Echo. Bright tyrian rose, lighter pink toward centre. 35c. each, doz. \$3.50.
Edelweiss. Very dwarf, small white flowers, excellent for planting in dense rows. 25c. each, doz. \$2.50.
Electric. Bright golden yellow, tipped white. 75c. each, doz. \$7.50.
Etruria. An autumn tint of russety red. 25c. each, doz. \$2.50.
Eureka. Rich violet crimson with purple centre. 25c. each, doz. \$2.50.
Evening Star. Bright terra cotta with golden centre. 75c. each, doz. \$7.50.
Fireworks. Bright yellow, striped scarlet, an attractive flower. 50c. each, doz. \$5.00.
Flieder. Soft lilac, a new shade. 50c. each, doz. \$5.00.
Glory of Wilts. Bright yellow. 50c. each, doz. \$5.00.
Gondola. Charming soft pink of beautiful shape. 50c. each, doz. \$5.00.
Harzer Kind. Very dwarf with bright pink flowers. 25c. each, doz. \$2.50.

- H. H. Thomas.** Of immense size with claw-like petals, deep rich crimson. 75c. each, doz. \$7.50.
Indomitable. Mauve lilac with lighter tips. 50c. each, doz. \$5.00.
Joan d'Arc. Sulphur yellow, deepening to peach blossom pink. 75c. each, doz. \$7.50.

- John Peel.** Intense rich crimson. 75c. each, doz. \$7.50.
Johannesburg. Bright golden with a glittering sheen. 50c. each, doz. \$5.00.
Jupiter. Pink with a distinct yellow base, striped and splashed crimson. 50c. each, doz. \$5.00.

All Dahlias on this page supplied in Plants, Ready in May

NEWER CACTUS DAHLIAS

Lady Fair. Primrose, tinted soft pink, each petal being split at the tip; in addition to each normal petal there is a profusion of narrow thread-like white filaments. 35c. each, doz. \$3.50.

Laurania. Orange, with cinnamon centre, bold flower of incurved form. 25c. each, doz. \$2.50.

Lawine. Pure white, sometimes showing a tinge of pink. 25c. each, doz. \$2.50.

Lusitania. Pearl pink with a creamy white centre, a beautiful shade. 25c. each, doz. \$2.50.

Mme. Henri Cayeux. The finest pink cactus dahlia. The flower is superb, perfect in form and of extraordinary size. The petals come to needle points and are more numerous on this variety than any other. The color is a delicate fresh pink, enlivened by a pure white centre and the pure white tip on each petal. The flower is borne on a long stem, making it ideal for cutting. 50c. each, doz. \$5.00.

Mercury. Deep yellow, heavily striped and speckled crimson. 25c. each, doz. \$2.50.

Mrs. T. W. Willis. From white at the centre the flower changes to a rosy lilac edged with clear lilac. 50c. each, doz. \$5.00.

Nellie Riding. Deep crimson, tipped white. 35c. each, doz. \$3.50.

Oswald. Orange red, changing to shade of tomato red at flower tips. 75c. each, doz. \$7.50.

Perle d'Lyon. One of the best white dahlias for cut flower use. The petals are massive and stand rough handling. The flower is very large and pearly white. 25c. each, doz. \$2.50.

Prima Donna. White with a tint of green, very large, of splendid form. 50c. each, doz. \$5.00.

Quimbo. Immense flowers with very narrow floret, clear crimson maroon. 50c. each, doz. \$5.00.

Rene Cayeux. A gem among Cactus Dahlias; the first to bloom, producing its deep scarlet perfect double flowers on long stems far above the foliage; very showy in the garden and grand for cutting. 25c. each, doz. \$2.50.

Rev. Arthur Bridge. Bright clear yellow, heavily tipped and suffused bright pink. 25c. each, doz. \$2.50.

Rev. T. W. Jameison. The petals are fluted and incurved; when in bud the flower shows yellow, but quickly changes to lilac pink when opening. 50c. each, doz. \$5.00.

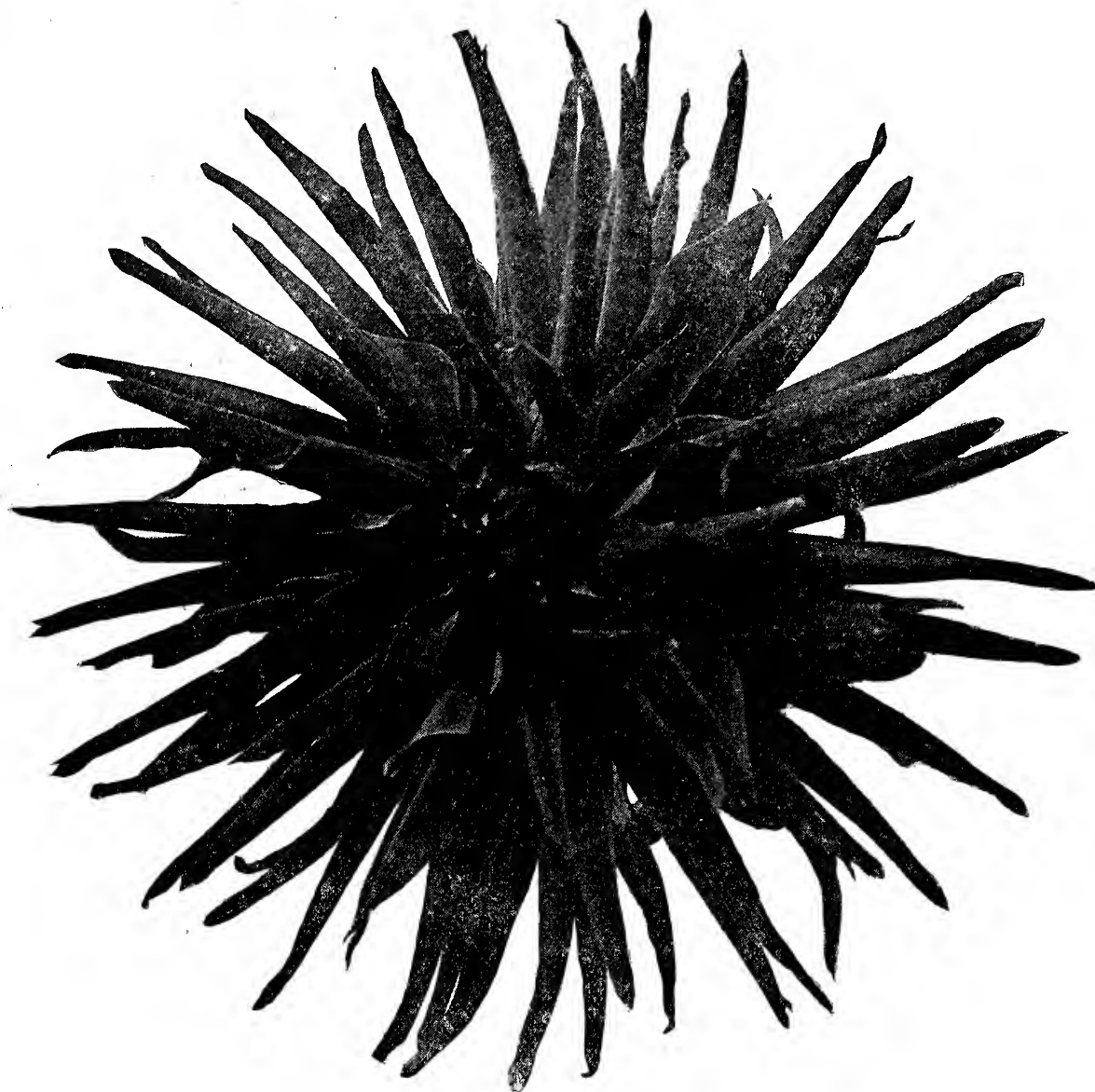
Ruth Forbes. A beautiful clear mauve pink, free bloomer, the stems often measuring 3 feet long. 50c. each, doz. \$5.00.

PLANTS ONLY
Ready for Delivery in May

Secretaire Fuld. Very early bloomer, its large flowers are carried on erect stems; the color is old gold, shaded copper. 50c. each, doz. \$5.00.

Snowden. A very refined flower of purest white. 50c. each, doz. \$5.00.

Success. Clear bright yellow, long stems. 50c. each, doz. \$5.00.



Cactus Dahlia, Teutonic

Teutonic. Amaranth crimson, shaded ruby red, rich and exquisite. 50c. each, doz. \$5.00.

The Imp. Remarkable color, almost black, claw-shaped long-stemmed flowers. 75c. each, doz. \$7.50.

Vedette. Bright scarlet, tipped pure white, very effective and free. 35c. each, doz. \$3.50.

Wellington. Bright glowing crimson, shaded purple toward the tip. 50c. each, doz. \$5.00.

William Marshall. Gigantic flowers, rich orange with a bright yellow centre.

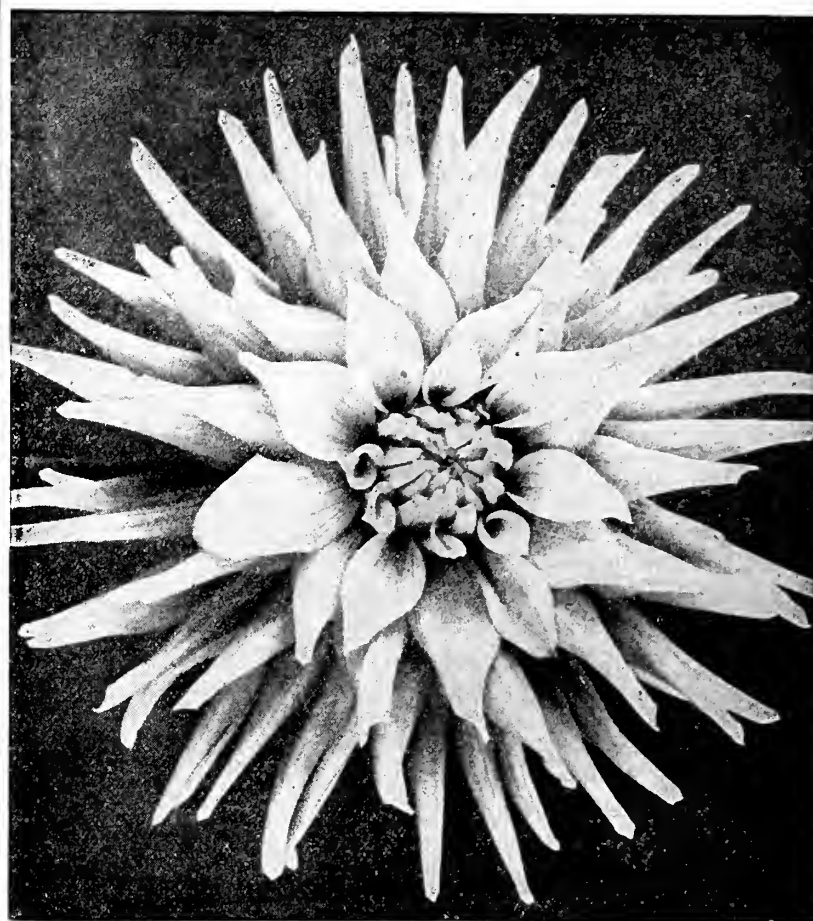
Yellow Fairy. Primrose yellow, exceedingly long, narrow petals.

MICHELL'S CACTUS DAHLIAS

The Cactus Dahlia is still the undisputed Queen among dahlias. Its leadership is due to the æsthetic form resembling somewhat that of some varieties of chrysanthemums, together with unlimited variation of color. We can supply hundreds of other varieties but consider our list the cream of selection.

NOTE.—The following list of Dahlias we can supply in strong roots, but if for any reason roots stock should be exhausted, we furnish strong plants; these if planted even as late as June will produce fine results.

	Each	Doz.
Amber Queen. Deep amber, heavy flower	\$0.50	\$5.00
Amos Perry. Bright scarlet, fine for cutting.....	.25	2.50
Aristid Gürtler. An immense flower of deep vermillion .....	.35	3.50
Aschenbrödel. A combination of rose and gold.....	.35	3.50
Brittania. A delicate salmon pink, shaded apricot..	.15	1.50
Burbank. Very rich brilliant dazzling red, a winner	.25	2.50
Charm. White in centre, edged yellow and salmon..	.15	1.50
Clara J. Stredwick. Clear bright salmon.....	.15	1.50
Country Girl. Golden yellow suffused salmon pink, very large .....	.25	2.50
Comet. Silvery rose splashed crimson .....	.30	3.00
Countess of Lonsdale. A shade of amber and salmon combined .....	.15	1.50
Dainty. Yellow ground, suffused pink, tipped gold..	.25	2.50
Dreadnought. Giant flower of the deepest maroon..	.35	3.50
Earl of Pembroke. A beautiful rich plum color.....	.15	1.50
Exquisite. Orange scarlet shaded salmon .....	.25	2.50
Floradora. Distinct blood red, very free flowering..	.15	1.50
Florence M. Stredwick. Large fine pure white, excellent form .....	.25	2.50
Fox Hunter. Very bright scarlet .....	.50	5.00
General Buller. Rich velvety crimson, tipped white.	.15	1.50
Gold Fasan. A remarkable shade of yellow and pink	.25	2.50
Goliath. Massive petals of yellow shading to pink..	.35	3.50
H. F. Robertson. Deep pure yellow, very narrow petals .....	.25	2.50
Helena Steinbach. Delicate shade of heliotrope....	.50	5.00
H. W. Sillem. A vivid vermilion scarlet, with long petals .....	.25	2.50
J. H. Jackson. Crimson maroon .....	.25	2.50
Kriemhilde. Soft pink, white centre .....	.15	1.50
Mary Service. Apricot, shaded orange, tipped purple rose .....	.15	1.50
Master Carl. A gigantic dahlia, amber color.....	.35	3.50
Mauve Queen. A pleasing clear mauve .....	.50	5.00
Mrs. Clinton. Very fine deep salmon, shaded red, tinted yellow .....	.25	2.50
Mrs. De Luca. Clear yellow, early and free .....	.25	2.50
Mrs. Edw. Mawley. Clear yellow, very large and full .....	.15	1.50
Mrs. H. J. Jones. Scarlet, edged cream .....	.25	2.50
Mrs. Jas. P. Mace. A light pink, shaded white at base .....	.25	2.50



Cactus Dahlia Kriemhilde

	Each	Doz.
Mrs. J. J. Crowe. Clear yellow of excellent habit and form	\$0.15	\$1.50
Mrs. J. W. Wilkinson. Deep rosy pink, incurved flowers .....	.25	2.50
Northern Star. A superb flower, intense crimson scarlet .....	.25	2.50
Parsifal. Pure white, very free .....	.35	3.50
Pink Pearl. Beautiful pink, shaded white toward centre .....	.15	1.50
Prince of Yellows. Canary yellow, very prolific bloomer .....	.25	2.50
Princess. Beautiful brilliant rose pink .....	.25	2.50
Roland von Berlin. Intense scarlet, fine flower.....	.25	2.50
Rother. Giant, rich bright garnet .....	.15	1.50
Standard Bearer. Bright rich scarlet, very fine flower	.15	1.50
T. G. Baker. The largest clear canary yellow .....	.30	3.00
Thos. Parkins. Deep burnt orange, a remarkable color .....	.25	2.50
Thuringia. Brilliant fiery red, fine bloomer .....	.25	2.50
Victor von Scheffel. Beautiful soft pink, white toward centre .....	.15	1.50
Winsome. Gigantic size, pure white .....	.15	1.50

CANNAS, DAHLIAS AND GLADIOLUS

Is the title of a book we have issued. It contains an interesting story of each and in addition most comprehensive cultural directions. This book is free for the asking.

MICHELL'S DECORATIVE DAHLIAS

The word "decorative" is applied to all dahlias which resemble the form of the "Jack Rose" Dahlia, as illustrated below.

NOTE.—All offered under this heading are Strong Roots.

Black Beauty. A very dark velvety maroon, entirely distinct form. 15c. each, per doz. \$1.50.

Catherine Duer. Bright iridescent crimson scarlet, very large, strong grower and extremely showy flower.

Cuban Giant. Dark glowing crimson, giant flower.

C. W. Bruton. Golden yellow. Each 15c. \$1.50 doz.

Delice. An exquisite shade of soft pink, suffused lavender. 35c. each, per doz. \$3.50.

Eureka. A giant flower, clear pink, beautifully quilled and formed; the petals are edged light pink, making a handsome show. 15c. each, per doz. \$1.50.

Flora. Very large, pure white, nearly cactus flowering type; the blooms frequently measure 7 ins. in diameter.

Henry F. Michell. Old gold and bronze.

Jack Rose. Color of the Jacqueminot Rose.

Jumbo. Deep scarlet, very large. Each 15c., \$1.50 doz.

Kaiserin Aug. Victoria. Pure white, large and fine.

La France. Free flowering, solferino red.

Lyndhurst. One of the best, bright scarlet, extra fine for cutting, every flower is perfect, with a long stem. 15c. each, per doz. \$1.50.

Mad. Van den Dael. An immense pink flower of beautiful form; color, shell pink shaded deep rose pink. 35c. each, doz. \$3.50.

Miss Minnie McCullough. A superb soft yellow, overlaid with bronze.

Miss Nellie Stewart. The flower has a light centre, shaded pink at the tips, long stemmed.

Mme. A. Lumiere. Unique coloring, pure white with deep red shadings on tips, makes a handsome effect. 30c. each, doz. \$3.00.

Mrs. Roosevelt. A beautiful light pink, shaded lighter toward petals. 35c. each, per doz. \$3.50.

Nymphaea. Clear shrimp pink, tinted lighter in centre.

Perle de Or. Exquisite pure white, fine flower.

Prof. Mansfield. Golden yellow, tipped red.

Souv. de Gustave Douzon. A giant flower, pure red, very free.

Sylvia. Light pink, white centre, giant bloom.

Wm. Agnew. Deep scarlet. Each 15c., \$1.50 doz.

NOTE.—All offered under this heading are Strong Plants, ready in May. These will bloom fine, and as early as from roots.

Chanoine Ducrot. Long pointed flat petals, brilliant scarlet. 25c. each, doz. \$2.50.

Giant of Stuttgart. The largest dahlia in existence; the flowers are composed of flat massive petals and many specimens will measure 12 inches across; deep vermilion. \$1.00 each, doz. \$10.00.

Glorie Lyonnaise. A golden yellow flat petal flower, flamed deep red at tips. 50c. each, doz. \$5.00.

Jeanne Charmet. An immense rich pink flower with an occasional edge of white, perfect in form, very long stems. 35c. each, doz. \$3.50.

Louis Harriott. Gigantic clear lemon, robust grower, producing its flowers on long stems. 50c. each, doz. \$5.00.

Le Colosse. A very deep flower composed of very short cup petals; color, reddish apricot. 30c. each, doz. \$3.00.

Le Grand Manitou. A compact growing plant; the enormous flowers are carried on erect stems above the foliage; the coloring is very rare, the mauve ground is heavily splashed and striped crimson, an occasional flower will appear in a solid color of purple. 50c. each, doz. \$5.00.

Mad. Marze. Purest white, very free and large. 50c. each, doz. \$5.00.

Emily Habgood. Medium-sized flowers, creamy white, long stems. 25c. each, doz. \$2.50.



Decorative Dahlia, Jack Rose

Papa Charmet. Dark maroon, very massive flower, ideal shape. 25c. each, doz. \$2.50.

Senor Leon Perrez. Flat petals with fringed tips; color, flesh pink tipped violet. 50c. each, doz. \$5.00.

Tenor Alvaraz. Perfect flower of deep purplish pink, heavily striped crimson, very odd and pretty. 50c. each, doz. \$5.00.

Volcan. Large flower, fiery red, erect stem. 50c. each, doz. \$5.00.

Yellow Le Colosse. Handsome pure yellow, a very free and early bloomer, large flower, long stemmed. Plants. 50c. each, per doz. \$5.00.

Louis Harriott. Gigantic clear lemon, robust grower, producing its flowers on long stems. 50c. each, doz. \$5.00.

DAHLIAS are a special feature at our Evergreen Seed Gardens, Torresdale, Pa.

Prices of any Dahlias on this page (except where noted), 25c. each, doz. \$2.50, \$15.00 per 100

MICHELL'S PAEONY-FLOWERED DAHLIAS

Quite new and extremely valuable, the flowers are carried on long individual stems and are produced in wonderful profusion, they are splendid for garden effects, and magnificent when cut.

NOTE.—All varieties on this page will be supplied in Strong Plants, ready in May, except where noted.

Alice Roosevelt. White with a shading of lilac, very delicate and pretty. 75c. each, doz. \$7.50.

Anna Sutter. Exquisitely perfect form of clear canary yellow, stiff stems carry the flower well above the foliage. 50c. each, doz. \$5.00.

Antagonist. Immense flowers of rich cardinal red. 50c. each, doz. \$5.00.

Bertha von Suttner. Mammoth flowers, stout stems, delicate salmon color with a touch of yellow (see illustration). 50c. each, doz. \$5.00.

Caesar. A refined pale yellow flower. 50c. each, doz. \$5.00.

Cleopatra. Oriental red, with a yellow base; very effective. 35c. each, doz. \$3.50.

Dr. Van Ghorkom. Brilliant lively pink, symmetrical shape, stiff stems. 25c. each, doz. \$2.50.

Duke Henry (Herzog Heinrich). (Roots.) Brilliant deep crimson. 25c. each, doz. \$2.50.

Geisha. The most sensational of all dahlias; the flowers are of exquisite form, the first ones being perfectly double, as they increase in numbers they are of real semi-double form and truly magnificent; all flowers are colossal in size and carried on long erect stems. The coloring is such as is not duplicated in any other dahlia, being a combination of rich red and yellow, the centre being the latter color, while the larger part of the petal is rich scarlet, shading off lighter on the edges. 75c. each, doz. \$7.50.

Germania (Roots). Bright glowing crimson, very attractive and showy. 25c. each, doz. \$2.50.

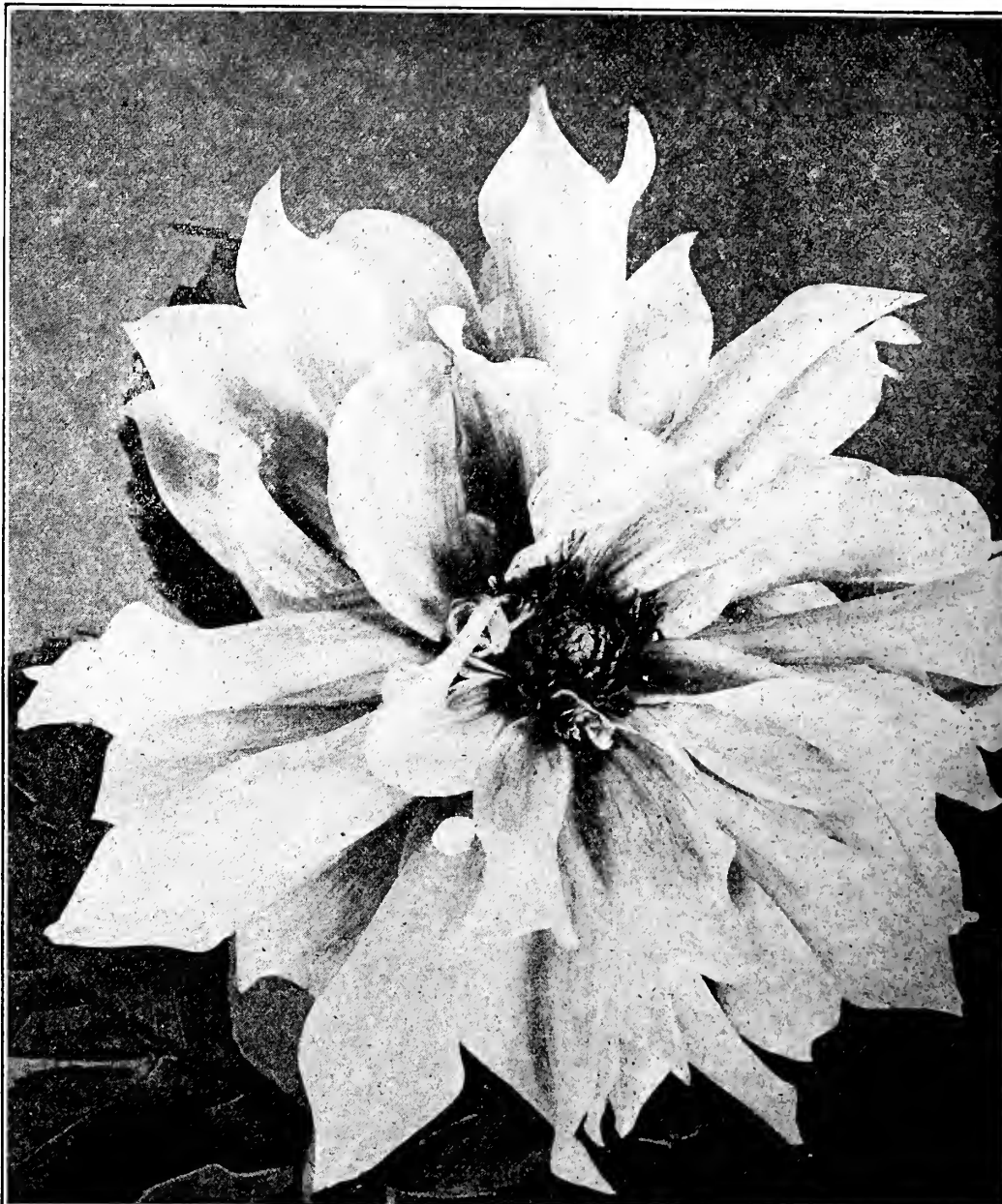
King Edward. A very unique shape, purple crimson, immensely large and noble in form. 50c. each, doz. \$5.00.

La Riente. This variety is especially valuable, being a most effective sort, exceedingly free during the entire dahlia season; color, deep rose-pink; form, almost single. 35c. each, doz. \$3.50.

Paeonie. A colossal rich deep pink flower, in form it is exactly like a Japanese peony. 75c. each, doz. \$7.50.

Philadelphia. Flowers are composed of long cactus petals, the coloring being quite original—a combination of deep pink and white, the former predominant; splendid for table decoration. 50c. each, doz. \$5.00.

P. W. Janssen. A flower of peculiar but handsome form, the color is original and best described as catawba, resembling the grape of that name. 35c. each, doz. \$3.50.



Paeony-Flowered Dahlia, "Bertha Von Suttner"

Rheingau. Bright scarlet with cactus petals. 50c. each, doz. \$5.00.

Riessen Edelweiss. The form of this is exactly like the Alps flower, but of enormous size; pure white. 50c. each, doz. \$5.00.

Ruddigore. A combination of blue, pink and purple, striped light and dark yellow; quite unique. 50c. each, doz. \$5.00.

Schneekönigen. A monster bloom of purest white. \$1.00 each, doz. \$10.00.

Soleil d'Automne. Of brilliant coloring, rich old gold enlightened with a brilliant orange centre, very large. 75c. each, doz. \$7.50.

Türkenbund. Velvety scarlet with golden tips. 50c. each, doz. \$5.00.

Venus. Clear canary yellow, of splendid form. 50c. each, doz. \$5.00.

Yellow Gem. Canary yellow with a deep orange disc, a splendid contrast. 50c. each, doz. \$5.00.

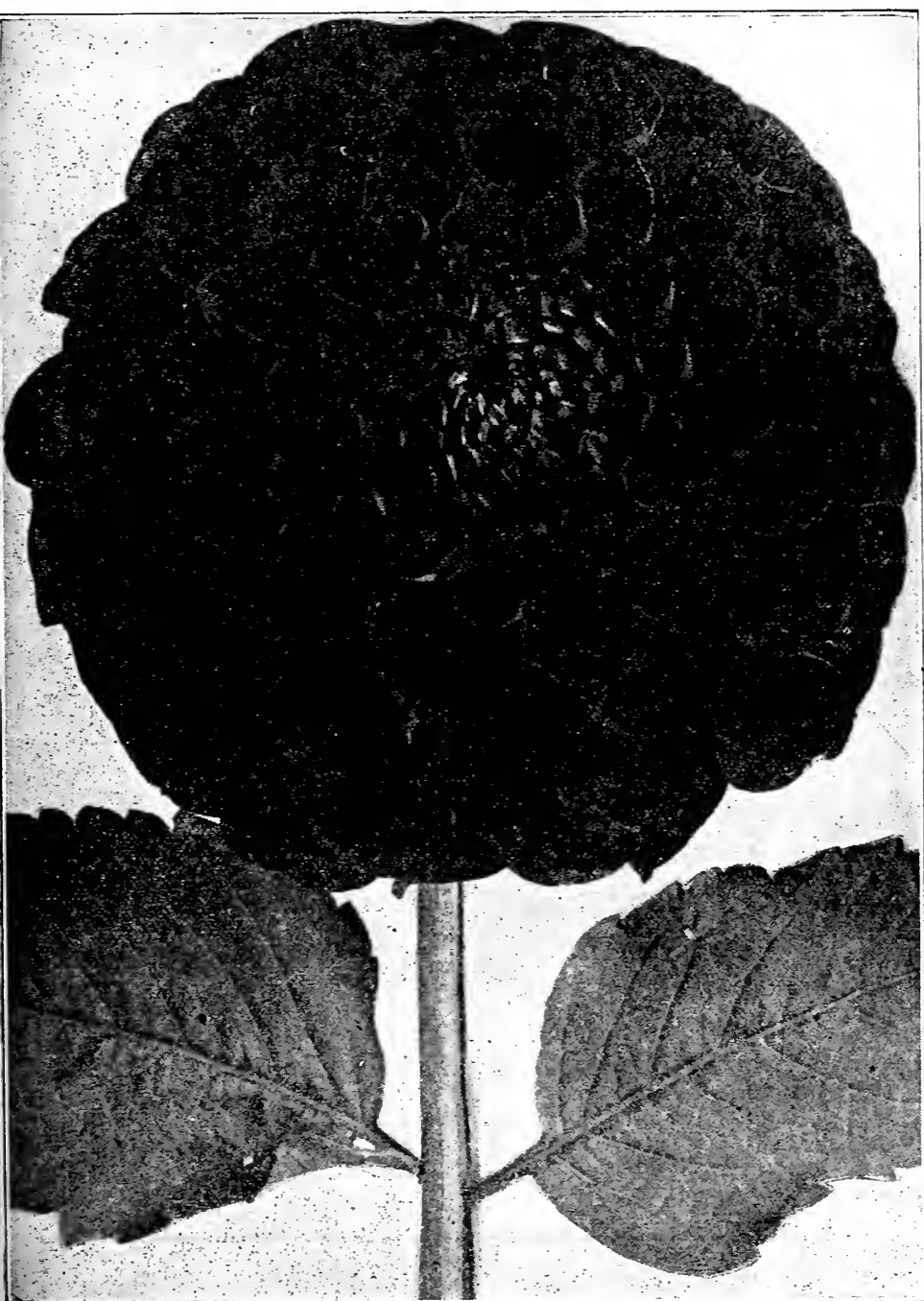
Queen Wilhelmina (Roots). Pure white, of splendid form. 35c. each, doz. \$3.50.

MICHELL'S SUPERB SHOW DAHLIAS

Please note the illustration below and the form of the flower, which is termed the Show Dahlia. Our List is entirely revised and contains only the best varieties in this class. All sorts listed below will be supplied in strong roots, except where noted.

- A. D. Livoni.** Beautiful clear pink, free bloomer.
- Arabella.** Primrose, shaded pink and lavender, early and profuse.
- Chas. Lanier.** Deep golden yellow, exceedingly long stems, enormous flowers. 25c. each, doz. \$2.50.
- Claribel.** Very large, bright purple with very long stems.
- Crimson Globe.** Very large, round crimson flower.
- Dreer's White.** Resembling the variety Grand Duke Alexis, but is pure white. Plants are dwarf and ideal for border planting. (Plants.) 25c. each, doz. \$2.50.
- Eloise.** A variation of white and pink, margined crimson.
- Fern Leaved Beauty.** White, striped crimson, fern-like foliage.
- Frank Smith.** Dark maroon, tipped white.

- Glorie de Lyons.** Pure white, perfect form. (Plants.) Each 25c., \$2.50 doz.
- Gold Medal.** Bright canary yellow, marked with splashes of red. Each 25c., \$2.50 doz.
- Goldsmith.** Yellow, shaded crimson. Each 25c., \$2.50 doz.
- Grand Duke Alexis.** Large white, tinted lavender.
- James Vick.** Rich plum color, profuse bloomer, fine shape.
- John Walker.** Pure white.
- Le Geant.** A colossal flower; maroon, shaded red, with a touch of purple. (Plants.) 50c. each, doz. \$5.00.
- Lemon Beauty.** A beautiful soft shade of lemon yellow.
- Lucy Fawcett.** Sulphur yellow, striped carmine rose. 20c. each, per doz. \$2.00.



Double Show Dahlia Le Geant

- Maid of Kent.** Cherry red, tipped white, at times all red.
 - Mary D. Hallock** (*Queen Victoria*). Deep yellow.
 - Mrs. Dexter.** Very large, a rich shade of salmon.
 - Mrs. Gladstone.** Delicate shell pink, fine texture.
 - Mrs. Langtry.** Fine creamy pink shaded purple.
 - Orange King.** Rich orange scarlet, a handsome flower.
 - Penelope.** Very large white, striped lavender.
 - Red Hussar.** Bright red, showy and free.
 - Storm King.** Pure white, large flower. Each 25c., \$2.50 doz.
 - Susan.** Delicate shell-pink, very free. (Plants.) 25c. each, doz. \$2.50.
 - Uncertainty.** Crimson and white.
 - Warrior.** Intense scarlet, good large flower, fine for cutting. 35c. each, doz. \$3.50.
 - White Swan.** A very long stemmed, pure white variety.
 - W. W. Rawson.** Unique in color, a most delicate lavender suffused with white. The form is ideal, very free and splendid for cutting. (Plants.) 50c. each, doz. \$5.00.
 - Yellow Duke.** Immense, pure yellow. Each 25c. \$2.50 doz.
- Price of any of the above (except where noted), in strong roots, 15c. each, per doz. \$1.50, \$11.00 per 100.

NOTICE

It sometimes occurs as the season advances that we are not able to deliver field roots, in which cases we send out strong thrifty plants at the same price. These give equally good results, blooming the same season.

CANNAS, DAHLIAS AND GLADIOLUS

Is the title of a book we have compiled on these three very popular flowers. Free with orders if asked for.

MICHELL'S SUPERB DAHLIAS

POMPON VARIETIES

GIANT SINGLE VARIETIES

For bedding or planting in borders with other plants they are ideal. The plant is very dwarf and compact, while the flowers have quite long stems.

Allie Mowry. Very light pink, shaded a beautiful deep rose; very attractive flower.

Fairy Queen. Sulphur yellow, edged deep pink.

Guiding Star. A pure white flower, very fine.

Philip Freud. Golden buff, shaded rich crimson; one of the best of the pompon type.

Snowclad. The finest pure white, when in bloom the entire plant is a mass of flowers.

Sunshine. Brilliant scarlet, with fine full centre, very long stemmed, thus desirable for cutting.

Price of any of the above Pompon Dahlias, in **strong roots**, 15c. each, per doz. \$1.50, \$11.00 per 100.

This class is especially desirable on account of their immense flowers.

Cardinal. Bright cardinal red, with beautiful yellow centre.

Crimson Century. Of tremendous size, very deep crimson, shaded dark. The petals are tipped with a shade of rose, while the centre is a beautiful rose pink.

Gladys. Crimson with white centre and tips; an improvement over Crimson Century.

Gaillardia. Golden yellow with a broad band of red around a yellow centre.

Gorgeous. Brilliant dazzling scarlet with an occasional white striped or a pure white petal.

Imperialana. Immense flower, deep clear pink. (Plants.)

Newport Beauty. Deep reddish pink with lighter tips. (Plants.) 35c. each, each, doz. \$3.50.

Pink Century. Soft pink, immense flower.

Souv. de Franz Liszt. Deep rich garnet.

St. George. Very large, pure canary yellow.

Twentieth Century. Beautiful rosy crimson petals tipped white, and with a white disc around the centre, which is yellow. 15c. each, doz. \$1.50.

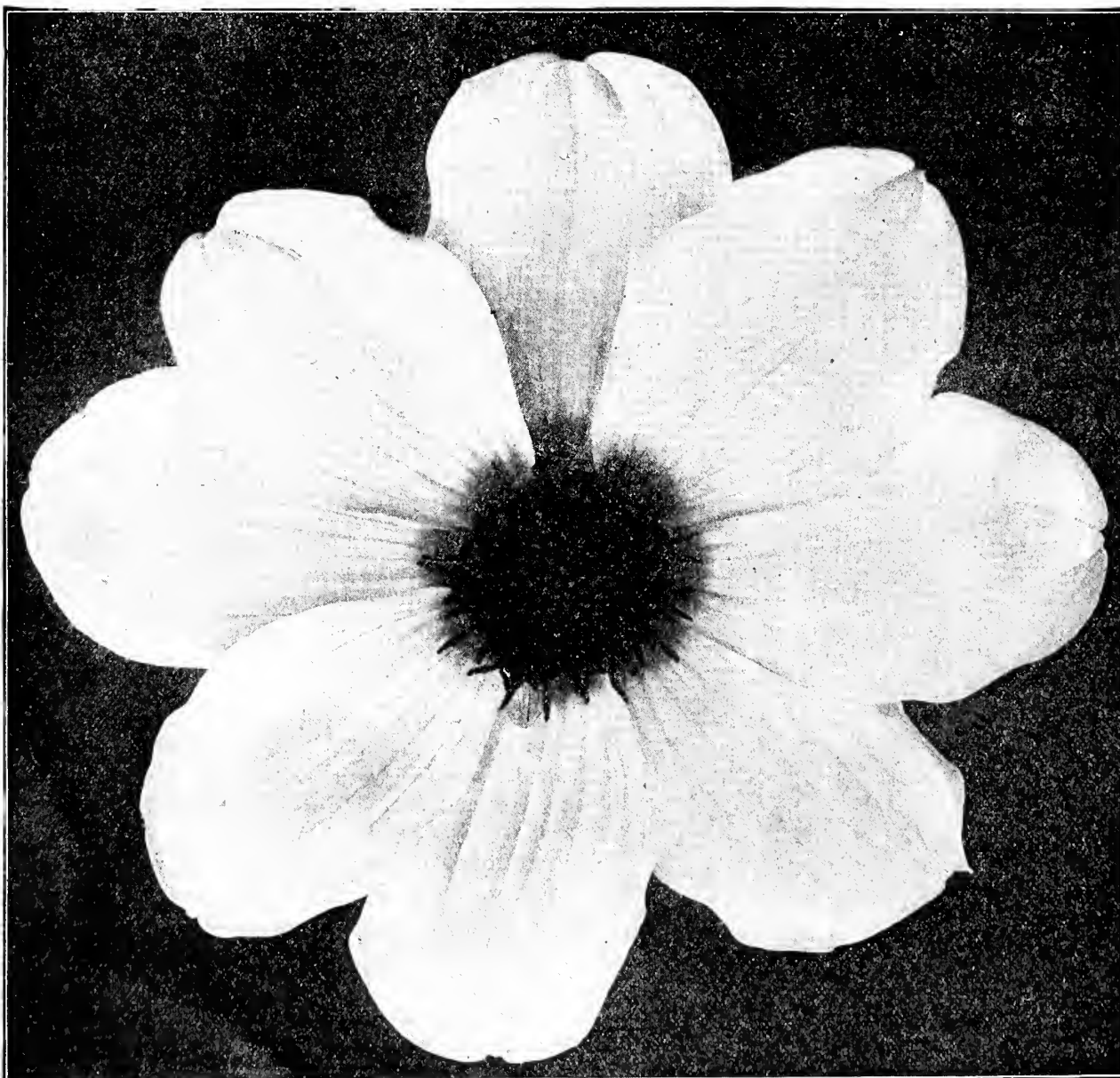
Variegated Liszt. Dark red base shaded bronze (semi-double Century).

White Century. Immense glistening white, a grand flower.

Wild Fire. Vivid scarlet. (Plants.)

Yellow Century. Single yellow flowers, look like giant field daisies. The color is a lemon shade and very attractive.

Price of any of the above (except where noted) in strong roots, 25c. each, per doz. \$2.50, \$15.00 per 100.



Giant Single Dahlia

COLLARETTE VARIETIES

The coming popular Dahlia. The single flower is gracefully decorated with immature petals of a contrasting color in the centre producing a collar effect, hence its name. They are unusually free blooming and most effective in the garden as well as when cut and placed in vases.

Maurice Rivoire. The large petals are very broad, of blood red color, while the smaller petals or collar are of purest white. 25c. each, doz. \$2.50.

President Viger. Claret red with white collar. 25c. each, doz. \$2.50.

UNNAMED DAHLIAS, Etc.

	Each	Doz.	100
Double White	\$0.12	\$1.25	\$9.00
" Pink .....	.12	1.25	9.00
" Red .....	.12	1.25	9.00
" Yellow .....	.12	1.25	9.00
" Mixed, all colors .....	.10	1.00	7.50
Single " " " .....	.10	1.00	7.00

NOTICE.

It sometimes occurs as the season advances that we are not able to deliver field roots, in which cases we send out strong thrifty plants at the same price. These give equally good results, blooming the same season.

SUPERB GLADIOLUS

What a wonderful stride this flower has made during recent years. Its popularity to-day is exceeded by few other flowers and it has by no means reached its limit. And there are good reasons for this popularity. Failure with this flower has never been known. They will grow in any open position and bloom well. They are not only showy in the garden but when cut with the first flower open will last for 10 days in the house. The newer colorings defy the choicest orchids. Plant bulbs 4 inches deep, 6 inches apart and stake when 2 feet high. Flowers appear from early July until late in the fall.

MICHELL'S CHOICE MIXTURES

GIANT FLOWERING MIXTURE (see illustration). Every bulb for this mixture has been selected with utmost care for coloring, size of flower and purity, no other mixture can boast of such careful selection. 5c. each, per doz. 50c. \$3.50 per 100. \$30.00 per 1000.

GOLD MEDAL STRAIN MIXTURES

This strain originated with the celebrated Gladiolus Specialist, Mr. Groff, who after careful reselection considers what is offered as the Gold Medal Strain, the very cream of all his collection. In order to distinguish between the Gold and Silver Trophy Strain, we wish to state that the selection has been made along these lines, larger flowers, rarer colors, ideal stems and types of extended flowering period. These are equal to the best named varieties, but simply have never been christened.

Section 1. All shades and combinations of red, scarlet and crimson. Each 15c., \$1.50 per doz., \$10.00 per 100 by express collect.

Section 2. Contains all the finest shades of yellow, delicate pink, rose and white. Each 20c., \$1.75 per doz., \$13.50 per 100 by express collect.

Section 3. This embraces all the shades of blue, heliotrope, mauve, lilac, and similar colors. (No smoky or slate blues.) Each 25c., \$2.25 per doz., 25 bulbs \$4.00 postpaid, 50 bulbs \$7.75 postpaid, \$15.00 per 100 by express collect.

SILVER TROPHY STRAIN MIXTURES

Before the Gold Medal strain (mentioned above) was known, the mixtures under that title were the choicest selection of the same specialist. It constitutes to-day a very superior selection of what is generally known as mixture, and offers the opportunity to do one's planting in shades of the same character.

Section 1. This embraces all the shades of scarlet, red and crimson, care being taken to eliminate the objectionable ones. 6c. each, per doz. 60c., \$4.00 per 100.

Section 2. The cream of all the yellow, pink, white and light shaded colors. 8c. each, per doz. 75c., \$5.00 per 100.

Section 3. Lilac, heliotrope, violet and all the shades of light and dark blue compose this selection. The colors are most exquisite. 8c. each, per doz. 80c., \$6.00 per 100.

Groff's New Hybrids. Extra fine \$0.04 \$0.30 \$2.00 \$18.00

Lemoines. Butterfly. Brilliant varieties04 .30 2.00 17.00

Childsii. A distinct mammoth type05 .50 3.75 30.00

Extra Choice. All colors mixed03 .30 1.50 12.00

UNNAMED GLADIOLUS (In Separate Colors)

	Each	Doz.	100	1000
White and Light Shades	\$0.04	\$0.35	\$2.50	\$20.00
Yellow in all Shades .....	.06	.60	4.00	37.50
Scarlet and Crimson .....	.04	.30	2.00	15.00
Pink and Rose .....	.04	.35	2.00	18.00
Striped and Variegated .....	.05	.40	3.00	25.00

SPECIAL COLLECTION OF NAMED GLADIOLUS

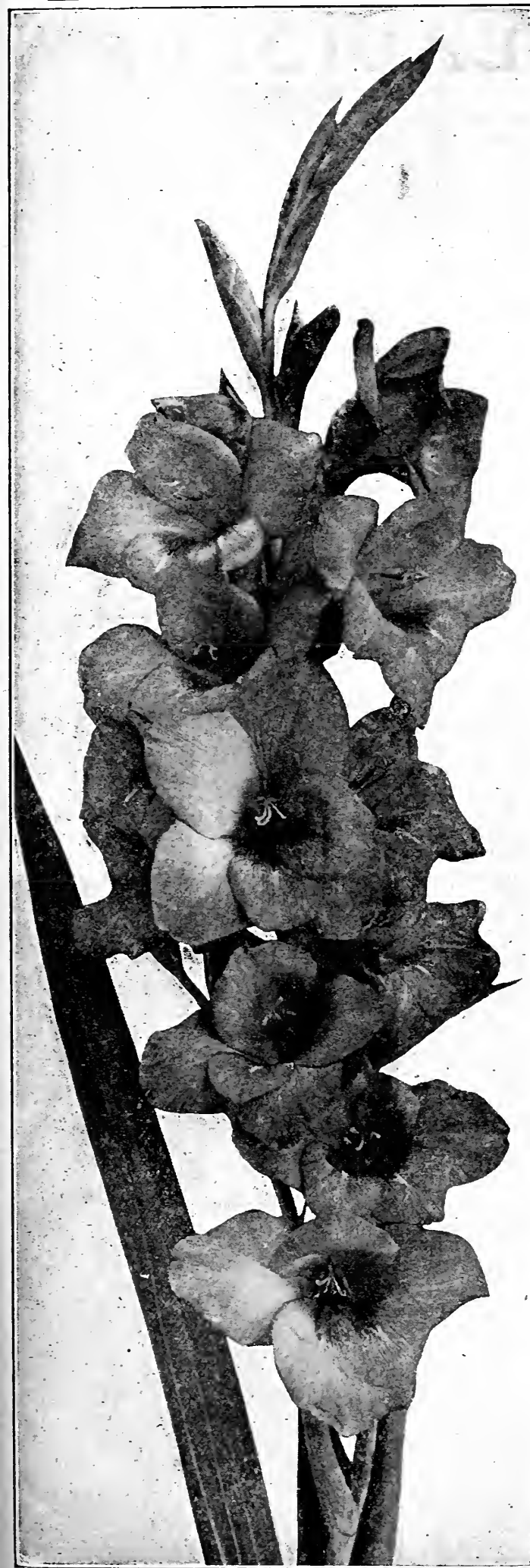
As an inducement to popularize the choicer named Gladiolus, we offer the following collections at attractive prices; for this reason the selection must be our own, customers may be sure, however, of getting a wide range of colors.

	Price
Collection No. 1.— 12 bulbs, 1 each of 12 varieties.....	\$0.75
Collection No. 2.— 25 " 1 " 25 "	2.50
Collection No. 3.— 50 " 2 " 25 "	4.50
Collection No. 4.— 100 " 4 " 25 "	8.50

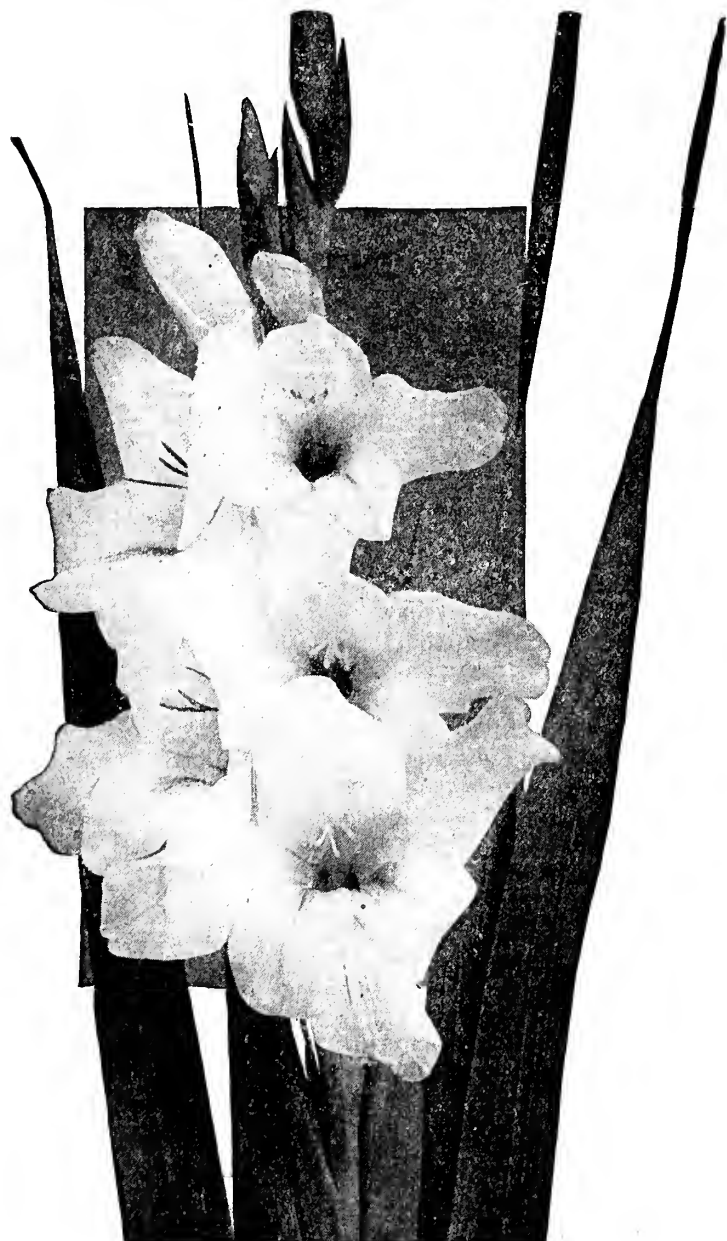
GLADIOLUS, CANNAS AND DAHLIAS

A comprehensive treatise on these important popular flowers, giving up-to-date cultural instructions. Free for the asking.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.



UP-TO-DATE GLADIOLUS

*Gladiolus Peace***PEACE**

A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 ft. high and shows the enormous flowers well placed all along the stem. 'Tis of wonderful vitality, being a splendid keeper when cut. "Peace" flowers mid-season and late, when the best of other gladiolus are gone. 30c. each, doz. \$3.25, \$22.50 per 100.

PANAMA

Of exquisite magnificence, being fully the equal to America and superseding it in color, being more on the order of salmon pink. Wherever it has been exhibited it has created great interest. It is one of the best introductions of recent years and should be included in every collection. 50c. each, doz. \$5.50.

ALASKA

Offered for the first time; a pure white, having a strong constitution and producing a long spike with well-formed flowers. White gladiolus are welcome additions to the existing list and are valuable for garden effect or cutting. Each \$1.00, \$11.00 per doz.

BARON HULOT

Rich deep indigo blue, one of the best of this color, in fact the only true blue variety; very rare. 25c. each, doz. \$2.50, \$18.00 per 100.

WM. FALCONER

Beautiful light clear pink, spike of great length and flowers of enormous size. 8c. each, doz. 75c., \$5.00 per 100.

NIAGARA

An entire new color in this class of flowers, to describe it intelligently one must imagine a shade of rich cream combined with canary yellow. The form and habit of this variety is exactly like America, except that the spike grows taller. The individual flowers are very large and borne in pairs opposite each other. 35c. each, doz. \$3.50, \$27.50 per 100.

EUROPE

A sensational novelty, spikes of which average 5 feet and are dressed with gigantic flowers of purest white without a trace of any other color. The spikes are very broad, as three flowers appear usually together in a line; a single spike averages 25 blossoms. It has received highest awards at every exhibition where shown. The supply is very short; be sure and order at least a few of these and do it real early. Price \$2.00 per bulb.

ROCHESTER WHITE

The value of this novelty lies in its color, being strictly pure white; the flowers have a tendency to open all at one time on a spike; they are very well shaped and wide open; even the filament being pure white; the latter feature is true in this variety only. The erect spikes average three feet, it flowers early, makes large bulbs. A splendid cut flower, as it keeps excellently. Price \$1.25 each, doz. \$12.50.

PINK AUGUSTA

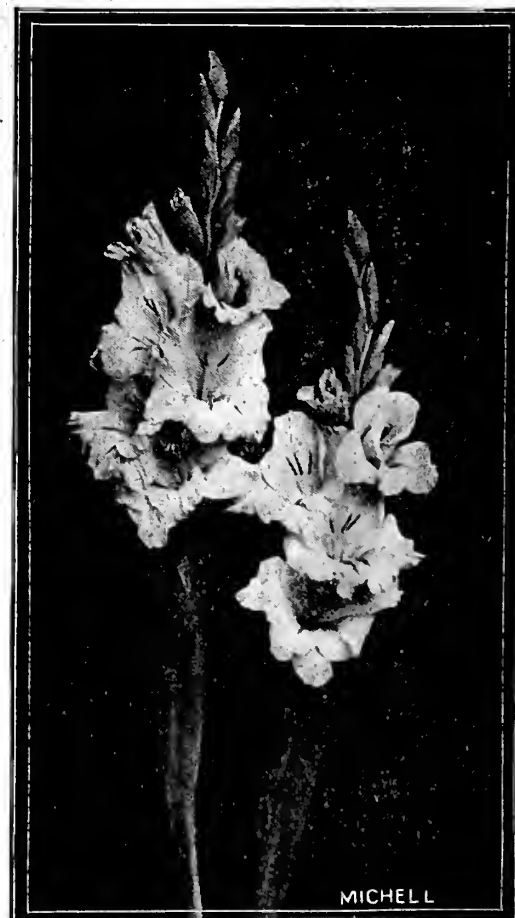
A grand new gladiolus, especially fine for bedding or cutting, it has all the fine characteristics of the **White Augusta**, which is vigorous, has straight stems and is free blooming, and all flowers on a stem open at one time. The color is a pleasing pink and thereby fills a niche in the class of popular gladiolus. We predict a grand future for it and recommend it as one of the most satisfactory varieties for the home garden. 20c. each, doz. \$2.00, \$12.50 per 100.

KUNDERDI GLORY

Introduced by us in 1911. No other novelty has ever been received in the way "Glory" has been crowned in the past season. The endorsements thus received from critical judges are sufficient evidence of its many merits. It is the first of a new race with waved or ruffled petals, and this feature alone places it in a class all its self. It has more vigor than any other variety, producing a broad deep green foliage with massive spikes, which in good garden soil grow 5½ feet high. The flower itself is very large, of creamy pink with a pencilling of crimson in the throat. The following awards were given this variety during 1911:

First Class Certificates of Merit:
National Society of Horticulture, Paris, France; Massachusetts Horticultural Society, Boston, Mass.; New York Institute, New York City, N. Y.; New Haven Horticultural Society, New Haven, Conn.; New Bedford Horticultural Society, New Bedford, Mass.

Price: 20c. each, doz. \$2.00 \$12.50 per 100.



MICHELL

Gladiolus Glory

SELECTED NAMED VARIETIES OF GLADIOLUS



America

America. This is one of the most vigorous growers in cultivation to-day. The color is a beautiful flesh pink tinged with lavender, flower spikes are two feet and more in length; it is a charming variety and should be in every collection and it well deserves its name. Each 10c., 75c. per doz., per 100 \$5.00.

Augusta. A lovely pure white with blue anthers; the bulb frequently produces two or more spikes. Each 6c., 60c. per doz., per 100 \$3.50.

Attraction. Deep rich crimson with a very conspicuous white throat centre, a very distinct variety. Each 8c., 85c. per doz., per 100 \$6.00.

Blanche. One of the best white gladiolus, faintly marked pale rose. Each 10c., \$1.00 per doz., per 100 \$7.00.

Brenchleyensis. For brilliancy of color few can touch this one. The exquisite brilliant scarlet coloring is a show worthy to be seen. Each 3c., 25c. per doz., per 100 \$1.75.

Canary Bird. Soft light yellow, long spike, large blossoms. Each 15c., \$1.50 per doz., per 100 \$10.00.

Cardinal. A perfect spike and flower an intense cardinal red, very rich and showy, representing one of the finest varieties. Each 15c., \$1.50 per doz., per 100 \$11.00.

Contrast. Intense scarlet with a distinct pure white centre. One of the best gladiolus ever introduced. Each 25c., \$2.75 per doz., per 100 \$22.50.

Columbia. Light orange scarlet, freely blotched and penciled bluish purple, mottled throat. Each 5c., 50c. per doz., per 100 \$3.50.

Eugene Scribe. Very large wide flowers, of a beautiful tender rose color shaded carmine red. Each 8c., 70c. per doz., per 100 \$5.00.

Eva. Beautiful rose, shaded and slate colored throat, finely mottled in various shades. Each 10c., \$1.00 per doz., per 100 \$7.50.

Glory of Brightwood. Beautiful scarlet with lemon shaded throat, an exquisite flower. Each 7c., 75c. per doz., per 100 \$5.50.

I. S. Hendrickson. Irregularly mottling of white and deep pink; the white predominates in some, while in others it is the pink. Flowers and spike very large. Each 15c., \$1.50 per doz., per 100 \$11.00.

Klondyke. An early bloomer, floret very round, well opened, of a clear primrose shade, blotched crimson maroon. 8c. each, per doz. 80c., \$6.00 per 100.

Little Blush. Of dwarf compact habit, excellent for beds or borders, flower blush white. Each 7c., 75c. per doz., per 100 \$5.50.

Lydia. A combination of pinkish white and deep crimson. No two spikes are seldom alike. Each 20c., \$1.75 per doz., per 100 \$12.50.

May. White, finely flaked, bright rosy crimson, extra strong spike. Each 5c., 50c. per doz., per 100 \$3.25.

Mrs. Francis King. Light scarlet, of a very pleasing shade: a grand flower. Each 8c., 75c. per doz., per 100 \$5.50.

Princeps. The dazzling scarlet florets are immense in size and beauty. The slight marking of white on the lower petal sets it off to great advantage. Each 20c., \$2.00 per doz., per 100 \$15.00.

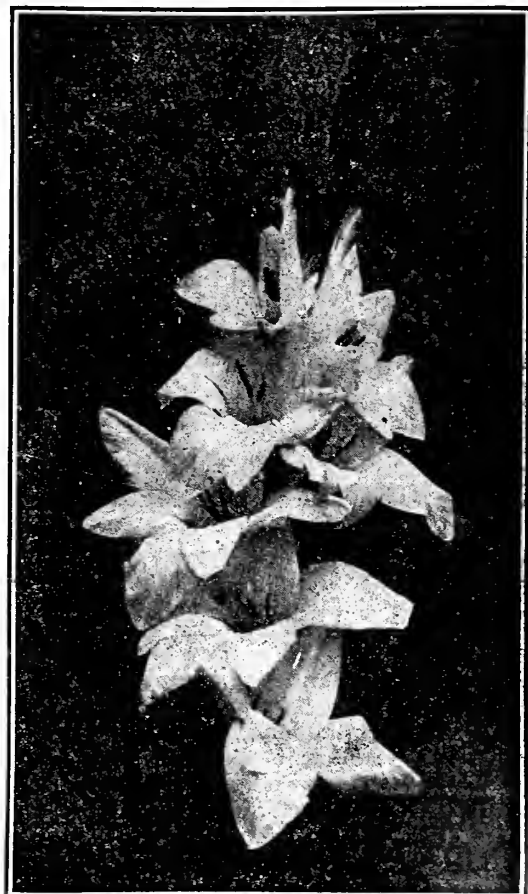
Senator Volland. A real blue gladioli with extremely large flowers, blotched dark violet, stained yellow with a blue stripe; a real odd combination. Each 12c., \$1.35 per doz., per 100 \$10.00.

Shakespeare. Pure white slightly suffused with carmine, with a large blotch of rose on the petals. Each 10c., \$1.00 per doz., per 100 \$7.50.

Sunlight. Light crimson with large canary yellow throat, mottled velvety maroon. Each 10c., \$1.00 per doz., per 100 \$7.00.



Contrast



Blanche

MICHELL'S HARDY GARDEN LILIES

What garden could be called complete without a fair display of these stately flowers. Their graceful habits, their ability to adapt themselves to special locations and the variety of them to have flowers almost the entire summer makes them very valuable. Their culture is simple yet a few rules must be strictly observed to grow them successfully.

All lilies should be planted from 6 to 8 inches deep, the Japanese varieties even 12 inches deep, the bulbs themselves should be completely enveloped in sand; no manure should come in contact with the bulb, but may be placed 4 to 6 inches underneath, all loose petaled bulbs should be planted on their side instead of upright.

These are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lily; we recommend, however, they should be grown exclusively outdoors.

Wild gardening, a feature becoming popular of late, gives lilies the foremost place.

In winter all lilies should have a protection with leaves or manure.

JAPANESE LILIES

Auratum (*Golden Banded Lily from Japan*). A variety planted most extensively; flowers of enormous size, measuring frequently 8-12 inches across; pure white, spotted crimson; each petal is marked in the centre with a band of yellow. The height varies according to location; it prefers a moist, cool well-drained soil. Flowers in August, delightfully fragrant; a single stem produces on an average from 8 to 15 flowers.

	Each	Doz.	100
Large Bulbs	\$0.15	\$1.50	\$10.00
Mammoth Bulbs .....	.25	2.50	15.00
Monster Bulbs .....	.35	3.50	25.00

Melpomene. Rich deep pink, spotted dark red; free blooming and robust in growth; very fragrant; height, 3½ feet; flowers in August.

	Each	Doz.	100
Large Bulbs	\$0.15	\$1.50	\$10.00
Mammoth Bulbs .....	.25	2.50	15.00

Speciosum Album. The best flowering pure white hardy garden lily of easy culture. The slender graceful stems and foliage are set off to wonderful advantage by the glistening pure white blooms clustered from 6 to 10 around the stem; the petals recurve and show the prominent red piston in the centre; height, 4 feet; blooms August and September.

	Each	Doz.	100
Large Bulbs	\$0.20	\$1.80	\$12.50
Mammoth Bulbs .....	.25	2.50	15.00

Speciosum Magnificum. An enormous flower rich deep pink, spotted crimson; the form of flower is recurved like "Speciosum Album"; this is one of the grandest of the Jap. varieties; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs	\$0.15	\$1.50	\$10.00
Mammoth Bulbs .....	.25	2.50	15.00

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red; one of the old garden favorites; very hardy; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs	\$0.15	\$1.50	\$10.00
Mammoth Bulbs .....	.25	2.50	15.00

OLD FASHIONED TIGER LILIES

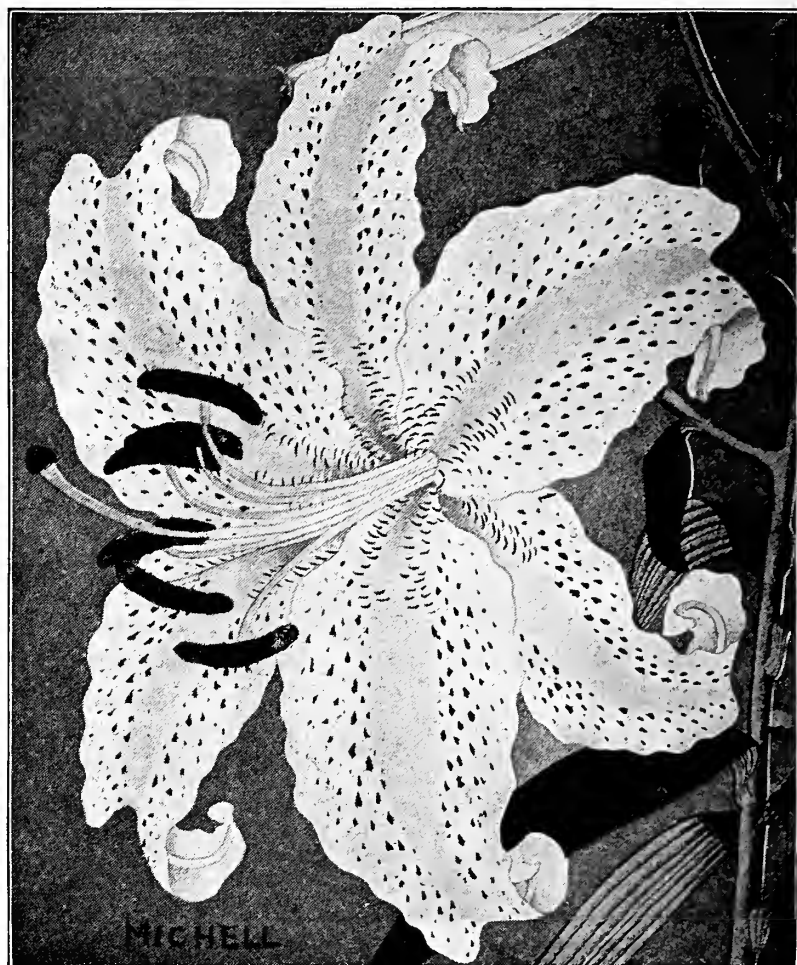
The improved Tiger Lily is one of the hardiest in cultivation, which succeeds and increases in all climates; splendid for naturalizing in groups and around shrubbery. The orange blossoms are heavily spotted maroon and borne in clusters of from 4 to 10 blooms on a straight heavy stalk, often 5 feet in height. Deep purple seed pods form on the axils of the leaves; blooms in July.

Tigrinum Splendens Simplex. Mammoth bulbs grown in Japan, 10c. each; doz., \$1.00; \$7.50 per 100.

Tigrinum Splendens (Flore Pleno). A double form of the above, retaining its flower longer, otherwise is as above. Mammoth bulbs grown in Japan, 15c. each; doz., \$1.50; \$10.00 per 100.

CANNAS, DAHLIAS AND GLADIOLUS

is the title of a booklet we have issued, covering the culture of the above popular subjects; mailed free or included with orders if asked for.



Lilium Auratum

AMERICAN OR NATIVE LILIES

Canadensis (*Canadian Bellflower Lily*). Easily cultivated and multiplies readily; bright yellow bell-shaped flowers hanging downward; petals are spotted black on inside; flowers June and July; 2 feet

	Each	Doz.	100
June and July; 2 feet	\$0.10	\$1.00	\$7.00

Canadensis Rubrum. Same as above, crimson with black spots

.....	.15	1.50	10.00
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Elegans, Red. One of the earliest lilies to bloom, flowering early June; 2 feet; large open flowers stand upright in clusters from 3 to 5 on a stout stem

.....	.15	1.50	10.00
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Elegans, Yellow. A yellow form of the above flowers reddish orange 8 to 12 in a cluster; petals thick and durable

.....	.50	5.00	40.00
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Henryi (*New and Rare*). Tall grower, often 7 feet; producing flowers of a distinct orange yellow in great profusion

.....	1.00	10.00	
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Superbum (*Turk's Cap Lily*). One of the best lilies for all purposes; will succeed everywhere; according to location, will grow from 3 to 6 feet high and produce from 5 to 45 nodding brilliant orange red flowers on a single stalk during July

.....	.15	1.50	10.00
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Tenuifolium (*Coral Lily*). Brilliant scarlet, Turk's Cap flowers, of rather small size, hang downward on a small but gracefully formed tree-like plant; splendid for edges of borders, rockeries or cutting; foliage very slender; flowers in May

.....	.15	1.50	10.00
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Umbellatum. A showy, massive lily, flowering in June; the broad, open flowers appear upward from 5 to 8 on a stout stalk, 3 feet high; color, a glowing orange scarlet; most effective when planted in clumps

.....	.15	1.50	10.00
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MICHELL'S BEDDING PLANTS FOR SUMMER USE

These are grown for us by specialists and are thrifty specimens which invariably give fine results. As readily seen by the title they are not hardy, being for the one season's display only.

ABUTILONS (*Bell Flower*). Splendid plants to be used as a close setting to cannas or other plants. Per doz. \$1.25, \$9.00 per 100.

ACALYPHA. Plant growing 2 feet high, decked with beautiful red and bronze foliage, showing up well against a green background of cannas, caladiums or ricinus. Doz. \$1.25, \$9.00 per 100.

ACHYRANTHES. Rich crimson glossy foliage, dwarf compact grower; 12 inches high; ideal for edging geraniums, salvia, etc. Doz. \$1.25, \$9.00 per 100.

AGERATUM. Flowers heads in blue and white; 10 inches high; ideal for massive bedding or edging. Price for either color, doz. \$1.25; \$9.00 per 100.

ALTERNANTHERA. Red and green, used extensively in carpet bedding designs, also for edging; ideal for cemetery work. \$1.00 doz., per 100 \$6.00.

ALYSSUM. Pure white flowers, dwarf compact plant, desirable for edging, flowering all season; 6 inches high. 75c. doz., 100 \$6.00.

ANTIRRHINUM (*Snapdragon*). A very effective plant for massive bedding, much used in Italian gardens; mixed colors of pink, yellow, white and crimson; height, 24 inches. \$1.25 doz., 100 \$9.00.

ASTERS. In assorted colors separate. 75c. per doz., 100 \$5.00.

BEGONIA (*Tuberous Rooted, Single Flowering*). For description see page 104. Strong plants, 4-in. pots, 20c. each, doz. \$2.00, \$15.00 per 100.

BEGONIA VERNON. Bright red flowers, compact dwarf plant, one of the best and most effective bedding plants either for edging or massive bedding. \$1.50 doz., 100 \$10.00.

BEGONIA ERFORDI. Of the same habit as Vernon, but having bright pink flowers which almost hide the foliage during the whole summer. \$1.50 per doz., per 100 \$10.00.

BEGONIA GRACILIS LUMINOSA. A splendid edging variety with bronzy red foliage and brilliant coppery scarlet flowers, very free blooming, of same habit as Vernon. \$2.00 doz., per 100 \$15.00.

CALADIUMS (*Elephant Ears*). Plants 25c. each, doz. \$2.50, \$17.50 per 100.

CANNAS. See pages 106-107.

COLEUS. The popular beefsteak plant so commonly used for edging canna and geranium beds; Vershaffelti dark crimson, Golden Bedder, yellow. \$1.00 per doz., per 100 \$6.00.

COSMOS (*Plants*). In separate colors, white, pink and red. 75c. per doz., per 100 \$5.00.

DRACAENA INDIVISA (*Fountain Plant*). Attractive used as a centrepiece for a round bed, urn or vase and in cemetery work; light green foliage. 50c. and \$1.00 each, \$5.00 and \$10.00 per doz.

ENGLISH DAISY (*Bellis Perennis*). White and pink in bud and bloom. \$1.00 per doz., per 100 \$7.00.

FUCHSIA (*Lady's Ear Drop*). The pretty bell flowers, both single and double, appear abundantly if the plants are set in a semi-shaded location. \$1.25 per doz., per 100 \$9.00.

HELIOTROPE. Desirable on account of their color, fragrance and free flowering habit. Each 15c., \$1.50 doz., 100 \$10.00.

HYDRANGEA HORTENSIA. These stately plants make ideal showy effects especially desirable for seashore. If protected in the winter they will live outdoors for years.

Otaksa, Pink; **Empress Eugenie**, Blue. 50c. each, doz. \$5.00; larger specimens in tubs can be furnished, ask for price.

LANTANA. Ideal for massive bedding, growing 30 inches high, remaining in flower till frost; various shades of orange, pink and red in mixture only. \$1.25 doz., per 100 \$9.00.

LEMON VERBENA. Scented green foliage. 15c. each, doz. \$1.50, \$10.00 per 100.

LOBELIA. Blue flowering plant, for edging and hanging baskets; when ordering state purpose for which they are desired. \$1.00 per doz., per 100 \$6.00.

MYOSOTIS (*Forget-Me-Not*). Blue, in bud and bloom. \$1.00 per doz., per 100 \$7.00.

MYRTLE (*Vinca Minor*). For cemetery work covering graves this hardy blue flowering plant is ideal; blooms in May. 15c. each, doz. \$1.50, \$10.00 per 100.

MUSA ENSETE (*Abyssian Banana*). Excellent as centrepieces for large beds or individual specimens on the lawn; light green wavy foliage of enormous size. 50c. and \$1.00 each.

NASTURTIUMS. Dwarf varieties in mixture. 75c. doz., per 100 \$6.00.

PANSIES. Giant Exhibition Strain in bud and bloom. \$1.00 per doz., 100 \$7.00.

PETUNIAS.

Single Mixed. Doz. \$1.00, 100 \$6.00.

Double. Doz. \$1.50, 100 \$10.00.

RICINUS (*Castor Oil Plant*). Green and bronze foliage varieties. \$1.25 per doz., per 100 \$9.00.

SALVIA (*Scarlet Sage*). \$1.50 per doz., per 100 \$10.00.

STOCKS. 10 weeks, mixed in all colors. 15c. each, doz. \$1.50, \$10.00 per 100.

VERBENAS. Our giant flowering strain in separate colors, white, pink, purple and scarlet. \$1.00 per doz., per 100 \$6.00.

VARIEGATED VINCA. A trailing plant used for hanging baskets and window boxes; green foliage mottled white. 25c. each, doz. \$2.50, \$17.50 per 100.

ZINNIAS. In all colors mixed. \$1.00 doz., per 100 \$6.00.



Choice Geranium Plants

GERANIUMS. (Large thrifty plants.) Our stock of these is usually fine.

Alphonse Riccard. Bright scarlet, double.

Beaute Poitevine. Salmon pink, double.

S. A. Nutt. Rich crimson, double.

La Favorite. Pure white, double.

Mme. Sallerai. Variegated leaves, used extensively for edging and for this purpose flowers should be removed, as they are too small for effect.

Rose Geranium. Grown for its scented foliage, ideal for cutting to mix with other flowers.

Price of any of the above geraniums, 15c. each, doz. \$1.50, \$10.00 per 100.

We can also supply all other Bedding Plants

ROSES, CARNATIONS AND CHRYSANTHEMUMS

NOVELTIES FOR 1912 (FOR INDOOR PLANTING)

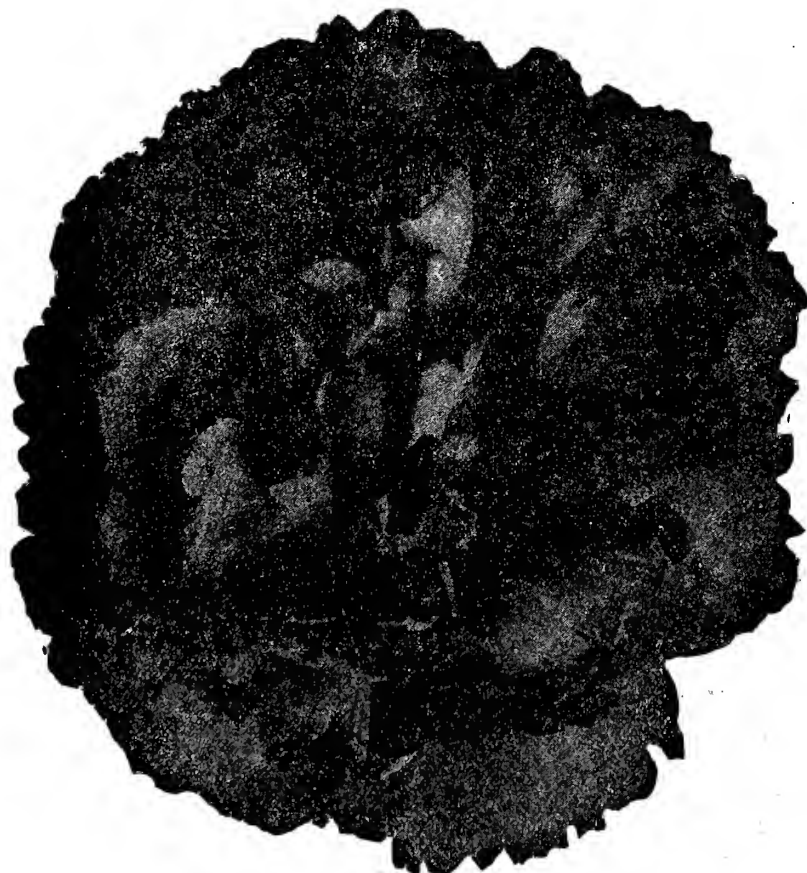
NEW ROSES (Ready for Delivery March 1st.)

Sunburst. One of the finest yellow forcing roses to date, stems as long as American Beauty's, buds and flower enormous, very vigorous and healthy, fine keeper, ships well. The color is golden orange to golden yellow, extremely brilliant in effect. Strong plants from 2½ inch pots on own roots, 50c. each, doz. \$5.50, \$40.00 per 100; Grafted Plants 60c. each, doz. \$6.50, \$45.00 per 100.

Double Improved White Killarney. A great improvement over the regular "White Killarney," as it is heavier and stronger in growth and bears pure white blooms which are much larger than the old sort. The buds have from thirty to thirty-five petals, which open into a handsome flower.

Own Root Stock, each 60c., \$6.50 doz., per 100 \$32.00.

Grafted Stock, each 80c., \$8.50 doz., per 100, \$36.00.



New Carnation St. Nicholas

NEW CARNATIONS (Rooted Cuttings Ready in January)

Benora. A variegated variety. The flower is large and full, superb in form and extremely free; very early. The stems are long, stiff and wiry with a calyx that rarely bursts; ground color pure white, beautifully pencilled bright red; a real gem among carnations. Per doz. \$3.50, \$13.50 per 100.

Brooklyn. A medium size flower which is produced in great numbers, in a pink color like the old Wm. Scott, with a deeply fringed flower. Per doz. \$2.50, \$16.50 per 100.

Delhi. A scarlet of exceptional merits, it is early, free and produces fine blooms the whole season. The calyx is absolutely non-bursting; the color does not fade and remains true; flowers measure from 3 to 3½ inches; excellent keeper and shipper. \$1.75 per doz., per 100 \$12.00.

NEW CARNATIONS (Continued)

Rosette. A dark pink, darker than Rose Pink Enchantress and lighter than Lawson. This color is exceptional with a splendid growth. The flower is immense, full and deep, calyx perfect, stem strong and straight, a clean healthy grower; transplants easily, establishes itself quickly, flowers early and continuously. \$2.00 per doz., per 100 \$15.00.

St. Nicholas (see illustration). This is an all-seasons scarlet, supplanting both Beacon and Victory, will flower winter and summer and has lost the sleepy habit of most other scarlets. The flowers measure 3 to 3¾ inches in diameter, fairly full and of good texture, produced on a long stem early in the season, which holds the flower erect; a non-splitting calyx. \$2.00 per doz., per 100 \$15.00.

Wodenethe. The originator says this is the most perfect carnation ever raised. The flowers average from 4 to 4½ inches; form absolutely perfect; delightfully fragrant, with a calyx that never splits. Color, a glistening snowy white. Scored 93 points before the N. Y. Florists' Club. \$2.50 per doz., per 100 \$15.00.

POT-GROWN PLANTS, deliverable later at \$5.00 per 100 additional.

NEW CHRYSANTHEMUMS

(Ready for Delivery March 1st.)

Wm. Kleinheinz. A chestnut red of the largest size, heavy petals build up an enormous flower; a superior variety; height, 4½ feet. \$2.00 each.

Annie L. Angus. Pure white, 5½ feet high and produces its crown bud about August 10th; very strong in growth, and disease proof. \$2.00 each.

Mrs. A. M. Henshaw. Beautiful incurved, pure white, stem and foliage perfect; height, 5 feet; crown bud August 1st. \$2.00 each.

Mrs. Gilbert Drabble. The finest novelty of the year, with an enormous flower of purest white; the petals are arranged in a whorl different from any other; crown bud August 5th. \$2.00 each.

Mrs. Geo. W. Burke. Bronzy yellow, stem and foliage perfect; very early. \$1.00 each.

Mrs. Harry Turner. A lovely crimson; height, 5½ feet; stem and foliage perfect; do not take bud before August 25th. \$2.00 each.

Mrs. Peter Duff. Old rose color, shading to cerise; fine form and foliage; stem excellent; height, 5 feet. \$2.00 each.

Mrs. Robt. D. Foote. Very large flower, every petal being reflexed; color, mahogany crimson; bud after August 12th; height, 4 feet. \$2.00 each.

Ramapo. Color habit and form like Col. D. Appleton, but a much better yellow, it also never shows a top knot; bud after August 20th. 50c. each, doz. \$5.00.

Sunshine. A yellow of the same shade as R. F. Felton, but a much larger flower; height, 6 feet. \$2.00 each.

Susie. Incurved, early, yellow, ready to cut October 10th, grand stem and foliage. 50c. each, doz. \$5.00.

WELLS-POCKETT-TOTTY SET

Bronze Brighthurst. Brilliant Bronze.

Elizabeth Seaton. Pure white, very large.

Antique. Deep bronze, form of Dr. Enguehard.

Marie Lomas. Chestnut terra-cotta with long drooping florets.

Mrs. R. A. Whitty. Reddish terra-cotta.

Wells White. An incurved bloom of the purest white possible.

Mrs. Remson. Refined pure white.

Price of any of the Wells-Pockett-Totty Set, 50c. each, doz. \$5.00, \$35.00 per 100.

Forcing Roses, Carnations and Chrysanthemums

For Indoor Planting.
STANDARD VARIETIES

ROSES

	2½ in. pots Grafted Plants			2 in. pots Own Root Plants		
	Each	Doz.	100	Each	Doz.	100
American Beauty. Pink ..	\$0.30	\$3.00	\$20.00	\$0.15	\$1.50	\$10.00
Bride. White .....	.30	3.00	20.00	.15	1.50	10.00
Bridesmaid. Pink .....	.30	3.00	20.00	.15	1.50	10.00
Double Pink Killarney....	.35	3.50	25.00	.30	3.00	22.00
Double White Killarney...	.85	8.50	40.00	.65	7.00	35.00
Kaiserin. White .....	.30	3.00	20.00	.15	1.50	10.00
Killarney. Pink .....	.30	3.00	20.00	.15	1.50	10.00
Lady Hillington. Orange copper .....	.60	6.00	30.00	.50	5.00	25.00
Mrs. Aaron Ward. Coppery bronze .....	.30	3.00	20.00	.15	1.50	10.00
My Maryland. Pink .....	.30	3.00	20.00	.15	1.50	10.00
Richmond. Deep crimson...	.30	3.00	20.00	.15	1.50	10.00
Rose Queen. Vivid rose...	.35	3.50	25.00	.30	3.00	20.00
White Killarney. White...	.30	3.00	20.00	.15	1.50	10.00

After June 1st we can furnish plants from 3 and 4-inch pots, for which there will be an extra charge; prices on application.

CHRYSANTHEMUMS

Rooted Cuttings ready February 1st.

Pot Plants ready March 1st

Newer Varieties

YELLOW

	Rooted Cuttings			Pot Plants		
	Each	Doz.	100	Each	Doz.	100
Golden King. Midseason. Bright golden yellow dwarf	\$0.15	1.50	\$8.00	\$0.20	\$1.75	\$12.00
Mary Donnellan. Midseason. Globular flower of deep golden yellow, immense in size .....	.15	1.50	10.00	.20	2.00	15.00
R. F. Felton. Midseason. Very intense yellow .....	.15	1.50	8.00	.20	1.75	12.00
W. E. Kelley. Midseason. Large golden yellow .....	.15	1.50	8.00	.20	1.75	12.00
Yellow Ivory. Midseason. A yellow favorite sort....	.15	1.50	8.00	.20	1.75	12.00

PINK

Edmond Albe. Midseason. Very large, incurved, pink .....	.15	1.50	8.00	.20	1.75	12.00
Mrs. Wincott. Midseason. A fine pink .....	.15	1.50	8.00	.20	1.75	12.00
Well's Late Pink. Late. Mauve pink .....	.15	1.50	8.00	.20	1.75	12.00

WHITE

Elise Papworth. Midseason. Pure snowy white .....	.15	1.50	10.00	.20	1.75	12.00
Mrs. Wm. Arnold. Midseason. White, stiff petals .....	.15	1.50	10.00	.20	1.75	12.00
Pres. Taft. Early. White .....	.15	1.50	10.00	.20	1.75	12.00

Standard Varieties

WHITE

	Each	Doz.	100
Early—Geo. S. Kalb, Early Snow, Ivory.....	\$0.15	\$1.50	\$9.00
Late—Mrs. McArthur, W. H. Chadwick, Timothy Eaton .....	.15	1.50	9.00
Midseason—White Shaw, Miss Clay Frick, Virginia Poehlman, Mlle. Marguerite Desjous, White Cloud .....	.15	1.50	9.00

YELLOW

Early—Golden Glow, Robert Halliday .....	.15	1.50	9.00
Late—Major Bonnaflon, Dolly Dimple, Golden Eagle, Golden Chadwick, Pennsylvania .....	.15	1.50	9.00
Midseason—Col. D. Appleton .....	.15	1.50	9.00

PINK

Early—Glory of Pacific, Rosiere, Pacific Supreme, Gloria .....	.15	1.50	9.00
Late—Dr. Enguehard, Maud Dean, Patty, W. T. Brock, Mlle. J. Rosette, Helen Frick.....	.15	1.50	9.00
Midseason—Pink Ivory, A. J. Balfour, J. K. Shaw15	1.50	9.00

RED AND BRONZE

Late—Intensity, Mrs. H. Partridge, Mrs. J. A. Miller15	1.50	9.00
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CARNATIONS

ROOTED CUTTINGS,
Ready in January

	Doz.	100	1000
White Enchantress. Of purest white	\$0.75	\$4.00	\$30.00
White Wonder. Exceptionally fine white ..	1.50	8.00	75.00
White Perfection. The largest white .....	.75	4.00	30.00

PINK

Afterglow. Deep scarlet pink .....	.60	3.50	30.00
Dorothy Gordon. A shade deeper than Enchantress	1.00	6.00	55.00
Enchantress. Light soft pink .....	.60	4.00	35.00
Gloriosa. Pure deep pink	1.00	7.00	60.00
May Day. Light pink .....	.60	3.50	30.00
Mrs. C. W. Ward. Deep pink but lighter than Lawson .....	.75	4.50	35.00
Pink Delight. Deeper and brighter than Enchantress .....	.75	5.00	40.00
Princess Charming. Bright pink	1.00	7.00	60.00
Rose Pink Enchantress .....	.60	4.00	35.00
Washington. Rich pink	1.00	7.00	60.00
Winsor. Clear rose pink .....	.60	3.50	30.00

RED

Beacon. Bright red .....	.60	4.00	35.00
Bonfire. Velvety scarlet	1.00	7.00	60.00
Scarlet Glow. Bright clear scarlet60	4.00	35.00

CRIMSON

Ruby. Deep crimson, gigantic flower60	4.00	35.00
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YELLOW

Canarie Bird. Canary yellow	1.00	6.00	50.00
J. Whitcomb Riley. Light primrose yellow.	1.00	6.00	50.00

New Pot Carnation CHRISTMAS CHEER



The Sensation of the Flower World

A pot carnation absolutely unique. Color a brilliant, glowing poinsettia scarlet. Easier to grow than a geranium. Will produce 100 or more blooms in a season, and can be had for Christmas in 6-inch pots with 25 to 50 blooms and buds. This wonderful Carnation was awarded a special certificate of merit by the Maryland Horticultural Society, Baltimore, at the 1909 Exhibition. Rooted Cuttings ready February 1st. 15c. each, dozen \$1.75 \$12.50 per 100.

MICHELL'S PLANT DEPARTMENT

At our Evergreen Seed Gardens, Torredale, Pa., we grow most of the plants offered in this Catalog, being thus enabled to supply plants to our customers which are much superior to what is generally offered; in fact, we make it a point to select all plants for orders, insuring greater success and satisfaction to the buyer.

THE EVERBLOOMING FRAGRANT BUTTERFLY BUSH IMPORTANT PLANT NOVELTY

We feel elated to think that though our own plant-growing establishment is but a recent innovation, from it we are able to introduce to the American gardening public a shrub which has more good qualities than any other known. This, indeed, is a strong statement, but we are so positive of its success that we claim for it a brilliant future. This shrub, from a young plant, will grow to its full size and maturity in less than three months, giving the grower the opportunity to admire all its features the very first year. Its growth is instantaneous, branching directly above the ground into many long graceful flowering stems, which attain a height of $4\frac{1}{2}$ feet and terminate with long tapering panicles of *claret colored flowers*. The individual flowers, which are of miniature size, resemble that of a lilac, but are borne by the hundreds on a single stem, so that the flowering part extends from 6 to 8 inches long. A single plant will bear at one time from 12 to 18 of these flowering stems, and the most remarkable feature is that these are produced uninterruptedly from early June till the snow flies. As we write these lines (October 31st) the plants are in full bloom and the only attraction at this time in our large collection of shrubs. Its far more remarkable attribute is the incomparable fragrance, of which its like we know no other. It seems that nature blended the ever-desirable lilac fragrance with that of the popular heliotrope, both of which are predominant in this flower of irresistible charm. The fragrance of a single plant will perfume the air of a large garden the entire season. The foliage is not less attractive, being deep green on the surface and silvery gray underneath, of elongated form and deck the stem from the ground to crown. During the summer this plant is a mecca for butterflies, and we had the pleasure frequently to count not less than 50 of these (in all colors and sizes) on a single plant, flitting to and fro giving animation to an otherwise dead garden, and it is for this reason alone we name it the "Butterfly Bush." While this shrub is perfectly hardy in some of the northern latitudes, the wood above the ground will die down during the winter, but will reappear in the spring with increased vigor. It may advantageously be used either as a single specimen, in groups on the lawn, or in connection with other shrubby or landscape work.

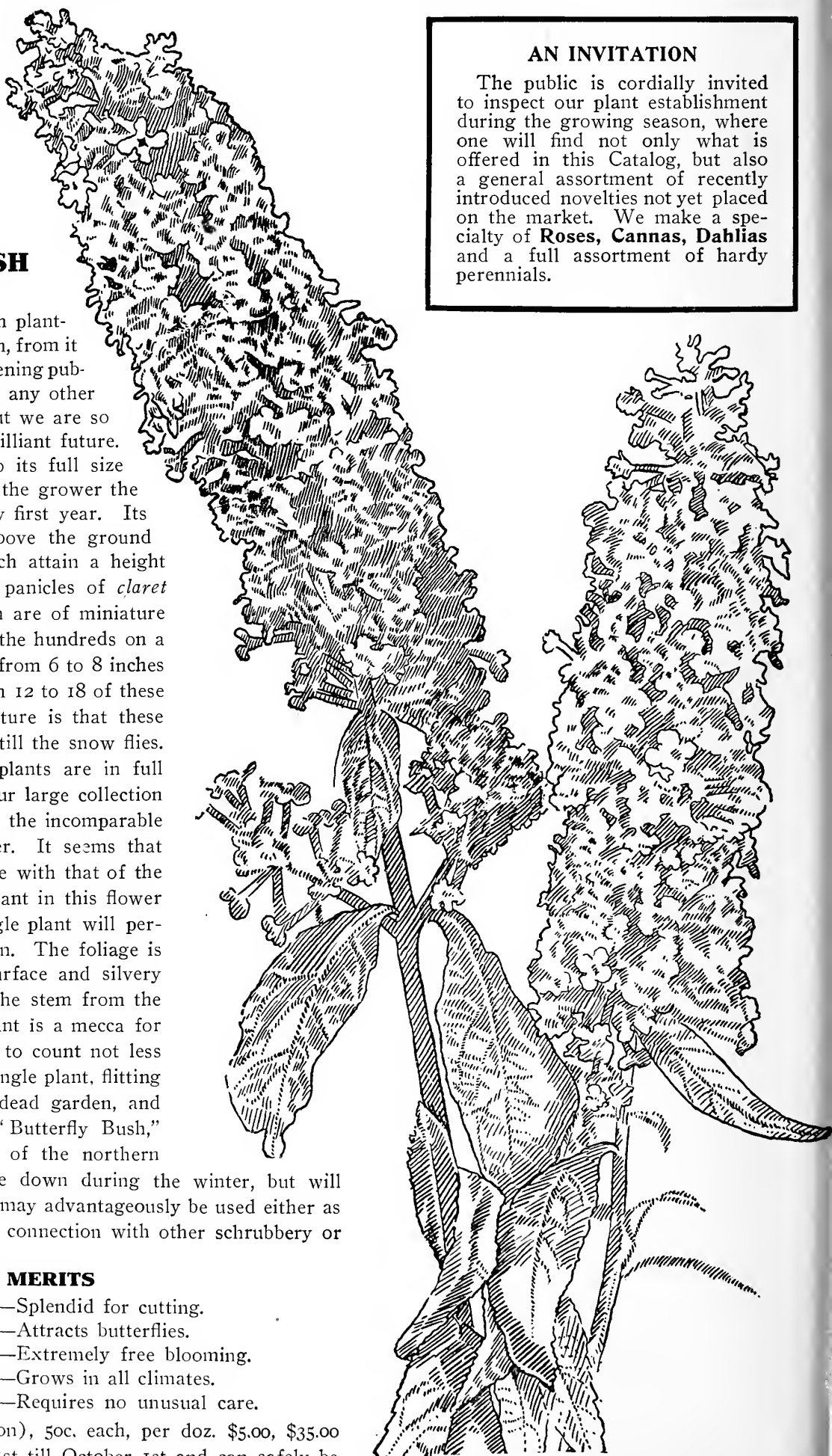
SUMMARY OF MERITS

- | | |
|-----------------------------|------------------------------|
| 1—Hardy constitution. | 6—Splendid for cutting. |
| 2—Matures the first season. | 7—Attracts butterflies. |
| 3—Everblooming. | 8—Extremely free blooming. |
| 4—A new color. | 9—Grows in all climates. |
| 5—A new fragrance. | 10—Requires no unusual care. |

Price, strong plants (will bloom first season), 50c. each, per doz. \$5.00, \$35.00 per 100. These plants are ready from March 1st till October 1st and can safely be planted during these months.

AN INVITATION

The public is cordially invited to inspect our plant establishment during the growing season, where one will find not only what is offered in this Catalog, but also a general assortment of recently introduced novelties not yet placed on the market. We make a specialty of **Roses, Cannas, Dahlias** and a full assortment of hardy perennials.



Actual size of Flower Spikes
Everblooming Butterfly Bush

NEW AND RARE PERENNIALS



NEW GIANT HIBISCUS

One of the most attractive perennials in our vast collection. A single specimen produces a perfected plant in one season, consisting of 3 to 5 separate stalks growing to a height of 5 feet and bearing gigantic single flowers measuring often 7 inches in diameter in a very short space of time, **in many shades of red, pink, purple and white.** The flowers resemble in form an open bell, face forward and show their attractive yellow piston in the centre. These blooms are produced beginning early in July and continue right up to frost, something that only a few perennials do. The foliage is beautiful in itself, resembling that of a maple. Used in groups by themselves they are ornamental on lawns or as an adornment to buildings if placed in their vicinity. In connection with other perennials, such as borders, they may be used as background and thereby add materially to the effect. Absolutely hardy and require little or no care; plants raised from seeds flower the second season, while roots furnished by us are effective and bloom the first year. **Seeds:** Pkt. 15c. (25c. for 2 pkts.), ¼ oz. \$1.00. **Strong Roots,** which will bloom the first year: 25c. each, doz. \$2.50, \$15.00 per 100.

DELPHINIUM "MOERHEIMI"

The first and only real pure white hardy larkspur, this splendid novelty originated in Holland. It grows 3 to 4 feet high, the flowers bloom continuously from June until Autumn and produce more spikes on a single plant than any other variety. The side stems themselves are often over two feet long. These qualities make it one of the best varieties for cutting. The flowers are of the clearest white with not the least suggestion of an eye or different shade of any other color. One can hardly imagine a prettier effect than large clumps of this white Delphinium intermixed with the rich shades of blue of the other sorts. **\$1.50 each** (stock limited).

CARNATION "DELICATA"

Hardy carnations are indispensable for the perennial border, as they are an attraction whether in flower or not. The foliage remains green during the winter when it shows life where otherwise everything is asleep. The standard varieties have been rather small sized flowers and it is with pleasure that we are offering a variety which produces flowers almost equal to a greenhouse-grown carnation. The color is a delicate soft pink, a very desirable shade and one which has never been attained before in this class of flowers. 35c. each, doz. \$3.50.

ANEMONE JAPONICA "ALICE"

As a last greeting of autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom just before nature clothes the earth with a mantle of frost. While we have some good sorts in white and lavender pink, there never has been a real pink until this variety was placed on the market. The shade is brilliant, which looms up in the garden; it may be used for splendid effect as a cut flower; height, 15 inches. 25c. each, doz. \$2.50, \$15.00 per 100.

ORIENTAL POPPY, "MRS. PERRY"

This class of poppy has always been one of the most showy flowers, producing specimens which readily measure 9 inches when open. The newer varieties which have been heralded with much acclaim have been rather disappointing because, while they give us new colors, the size of bloom is much smaller, thereby losing much of their beauty. Not so with "Mrs. Perry." The stems average a height of 4 feet and are crowned with flowers which are simply gigantic. The color is distinctly new and the most attractive of any poppy ever known. The shade may be termed rich salmon pink. 25c. each, doz. 2.50, \$15.00 per 100.

HARDY ASTER, "THOMPSONI"

Most of the hardy asters are renowned for their late flowering season; this one, however, blooms during the month of July and August. It is of dwarf habit, 18 inches, and is very free with its bright blue star-like flowers. 25c. each, doz. \$2.50, \$15.00 per 100.

HARDY PERENNIAL PLANTS General List

We gladly submit suggestions in laying our perennial borders or complete hardy gardens. No charge for this service.

ACHILLEA (Sneezewort)

Ptarmica Plena, The Pearl. Flowers borne Each Doz. 100
in the greatest profusion the entire summer
on strong erect stems 2 feet high; of the
purest white\$0.15 \$1.50 \$10.00

ACONITUM (Monkshood)

Bushy plants grow 4 feet high and bloom in clusters of beautiful helmet-shaped flowers. Well adapted for shady situations.

	Each	Doz.	100
Napellus Bicolor. Dark blue and white flowers	\$0.20	\$2.00	\$15.00
Napellus Album. Fine white flowers	.20	2.00	15.00
Wilsoni. Large light violet blue flowers, quite new and rare	.25	2.50	15.00

ANCHUSA

Italica, Dropmore Variety. All blue flowers, are desirable in the garden because there are but few; plants grow 4 feet high in pyramidal shape; branch freely and are overloaded with bright blue, forget-me-not-like flowers; from June 15 till late in fall; very showy and valuable25 2.50 18.00

AGROSTEMMA (Mullein Pink)

Coronaria. Tufts of silvery foliage throwing up many silver-lined stems 2 feet high, with bright single crimson flowers during June.. .15 1.50 10.00

ALYSSUM (Gold Dust)

Saxatile Compactum. A splendid edging plant for borders or spring beds. Silvery gray foliage from short tufts which at the end of May are surmounted with masses of deep golden flowers15 1.50 10.00

AQUILEGIA (Columbine)

For spring flowers they are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their elegant foliage.

	Each	Doz.	100
Chrysantha. Bright yellow, long flowers...	\$0.15	\$1.50	\$10.00
Coerulea. Bright blue and white; long spurred	.15	1.50	10.00
Chrysantha Alba. Pure white, long spurred	.20	2.00	15.00
Canadensis. The native, bright red and yellow	.15	1.50	10.00
Flabellata Nana Alba. Dwarf growth, pure white flowers	.15	1.50	10.00
Mixed Hybrids. All colors	.15	1.50	10.00

ARABIS (Rock Cress)

The early spring flowers are of the purest white; dwarf bushy plants attain a height of six inches; ideal for rockeries and edges for borders.

	Each	Doz.	100
Alpina. Single snowy-white flowers.....	\$0.15	\$1.50	\$10.00
" Fl. Pl. Double form, very showy...	.15	1.50	10.00

ARMERIA (Sea Pink)

Maritima. Attractive dwarf plants, forming evergreen tufts from which innumerable pink flowers grow in dense heads on stiff stems 9 inches high15 1.50 10.00

HARDY ASTERS (Michaelmas Daisy)

These well known, native, fall flowering stately plants have a value of their own, as they may be used with splendid effect in borders and still more so as specimens in lawns. For cutting they are invaluable.

	Each	Doz.	100
Beauty of Colwall (New). Four feet high, well branched and covered with semi-double flowers of ageratum blue	\$0.50	\$5.00	\$35.00

Sub-Coeruleus. Dwarf plants, 12 inches high, immense flowers of violet blue with yellow centre, flowers in June and July	.25	2.50	15.00
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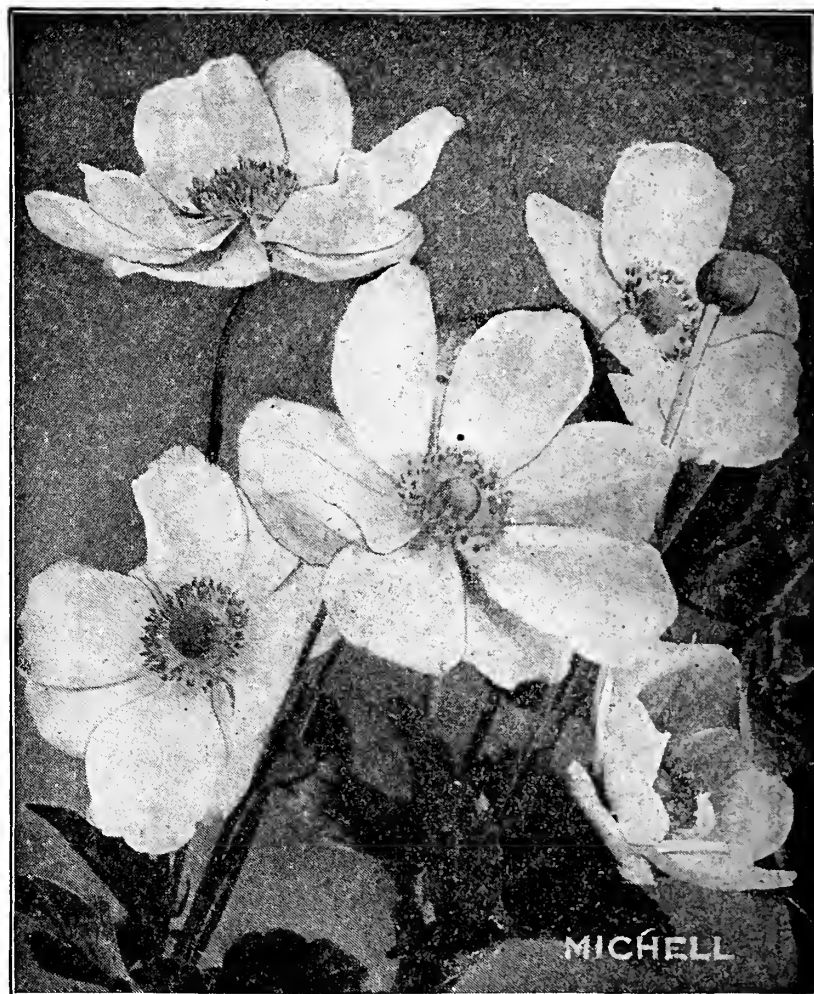
Thompsoni Nana. Flowers in July and August; 18 inches high, with fine petaled large flowers of Venetian blue	.25	2.50	15.00
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Lil Fardell. Clear rose pink; 3 feet; flowers in August and September	.35	3.50	25.00
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Ptarmacoides. Pure white, good for cutting	.15	1.50	10.00
Geo. Arends. Rosy lavender, 3 feet.....	.15	1.50	10.00

Mrs. F. W. Raynor. Light reddish violet..	.15	1.50	10.00
Grandiflorus. Deep violet blue, 2 feet15	1.50	10.00

Hybrids Mixed. A grand assortment of colors	.15	1.50	10.00
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Anemone Japonica

ANEMONE JAPONICA (Japanese Windflower)

A glorious fall flower; plants grow 2 to 3 feet high and are ideal for cutting; flowers in cup form appear sometime in August and remain till frost.

	Each	Doz.	100
Alice (New). Shell pink, very brilliant and free blooming, an excellent variety	\$0.25	\$2.50	\$15.00

Kriemhilde (New). Semi-double flowers, very large, lovely rose pink, fine for cutting	.25	2.50	15.00
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Whirlwind. Large semi-double pure white..	.15	1.50	10.00
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Queen Charlotte. Very large semi-double pink flowers	.15	1.50	10.00
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Prince Henry. Deep rich pink double flowers	.15	1.50	10.00
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ASCLEPIAS (Butterfly Weed)

Tuberosa. A showy plant, 2 feet high, with clusters of orange flowers; July and August	.15	1.50	10.00
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ASTILBE

Grandis (New). A variety of spirea which is perfectly hardy, growing to a height of 6 feet, white feathery flower sprays, often measuring 2 feet in length	.25	2.50	15.00
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BOCCONIA (Plume Poppy)

Cordata. A splendid plant 8 feet high, bear- ing panicles of creamy white flowers, which bloom in July and August	.15	1.50	10.00
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BOLTONIA (False Chamomile)

Tall growing showy plants with hardy aster-like flowers appear in September, 5 to 7 feet.

	Each	Doz.	100
Asteroides. Pure white	\$0.15	\$1.50	\$10.00

Latisquama. Pink, tinted lavender	.15	1.50	10.00
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" Nana. Growing only 2 ft. high	.15	1.50	10.00
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CALLIRHOE (Poppy Mallow)

Involucrata. Of trailing habit with large crimson flowers with white centre, which bloom all summer	.15	1.50	10.00
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CAMPANULA, PERENNIAL (Bellflower)

Showy plants of special merits; some are tall, suitable for effective borders, others are dwarf, for rockeries or edges.

Glomerata. Dwarf, dense clusters of funnel-shaped violet-blue flowers, June to August.	Each	Doz.	100
18 inches	\$0.15	\$1.50	\$10.00
Persicifolia Grandiflora Coerulea (Peach Bell). Stately spikes, 3 feet high, blue bell-shaped flowers .....	.15	1.50	10.00
Persicifolia Grandiflora Alba. Purest white .....	.15	1.50	10.00
Moerheimi. Giant double bells of purest white, 3 feet .....	.25	2.50	15.00
Humosa. Same as "Moerheimi," with blue flowers .....	.25	2.50	15.00
Lactiflora. Flowers of bluish white on long spikes; July and August; 2 feet high.....	.15	1.50	10.00
Persc. Vinetta (New). Giant semi-double dark blue bells on spikes; 3 feet long.....	.40	4.00	25.00

CAMPANULA, BIENNIAL (Canterbury Bells)

These will last only for the season; they bloom and must be replanted each season; the seed is sown the year before.

Calycanthemum (Cup and Saucer)

The flower having both a tube and a saucer effect, hence its English name. They flower in June, growing 4 feet high. Pink, White, Blue, each color separate. 20c. each, doz. \$2.00, \$15.00 per 100.

Media, Single

The popular variety generally called Canterbury Bell; blooming in July; height, 4 feet. Pink, Blue, White, each color separate. 15c. each, doz. \$1.50, \$10.00 per 100.

HARDY CARNATION (Scotch Pinks)

For rockeries or edging borders we know of no showier plants; they are very hardy and rapidly increase. A great point in their favor is that they are deliciously fragrant; flower in June.

	Each	Doz.	100
Her Majesty. Purest white	\$0.15	\$1.50	\$10.00
Carmen. Light pink .....	.15	1.50	10.00
Lord Lyon. Deep pink .....	.15	1.50	10.00
White Reserve. White fragrant flowers during the whole summer .....	.25	2.50	18.00
Semperflorens, Mixed .....	.10	1.00	6.00

NEW VARIETIES OF HARDY CARNATIONS

Märchen. Glowing satiny pink flowers, well filled, of fine form, two to three inches across, long stems, very fragrant	Each	Doz.	
	\$0.50	\$5.00	
Oberon. Makes immense bushy plants with light green foliage, stems often 18 inches long, flowering freely with large dark chestnut-red fragrant blooms .....	.50	5.00	
Delicata. Flowers of exceptional large size of a delicate soft pink color on very long stems.....	.35	3.50	

COREOPSIS

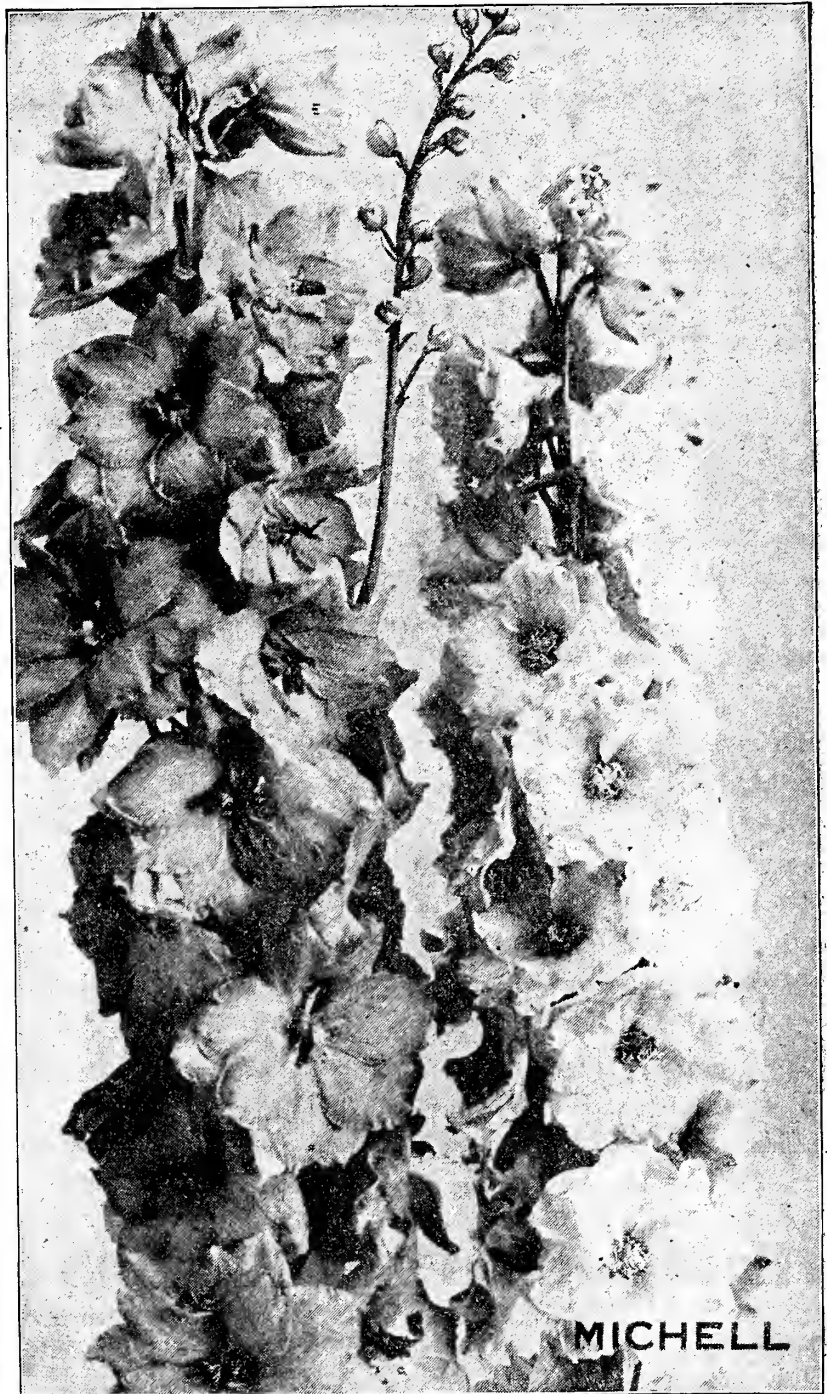
Lanceolata Grandiflora. A splendid perennial; flowers rich golden yellow of graceful form and fine for cutting; June till October.	Each	Doz.	100
	\$0.15	\$1.50	\$10.00

DELPHINIUMS (Hardy Larkspur)

There is no more stately flower than the hardy larkspur, succeeding so well in all kinds of soils and under the most trying conditions. Its wealth of bloom in magnificent shades of blue appears in the beautiful month of June, when all nature is gay and adds a great charm to the galaxy of flowers. Unlike all other perennials it has two blooming periods, while its main season is June, when cut down immediately afterwards it will send up new shoots, which flower uninterruptedly from the end of August till November.

Bella Donna Semi Plena (New). A wonderful improvement in that finest of all light blue larkspurs, the flowers are gigantic in size with several rows of petals, which produce an immense effect; the spike is majestic and the flowers appear in abundance. \$1.00 each.

Moerheimi (New). The first real pure white Delphinium ever offered, all others which have been heralded with this description have proven failures. This novelty we have grown on our own grounds the past season and it has proven every claim made by the originator, it is one of the finest novelties introduced during the last five years. The slender graceful spikes attaining a height of 3½ ft. are loosely but beautifully decked with immense large flowers of the purest white without the slightest trace of any other color in the throat; where used for effect with the blue varieties it is the queen of larkspurs. \$1.50 each.



Delphinium. Kelway's Hybrids

DELPHINIUMS

Bella Donna. The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled by any....	Each	Doz.	100
	\$0.25	\$2.50	\$18.00
King of Delphiniums. Remarkably strong vigorous plants with flowers of gigantic size, semi-double, deep blue, white eye .....	.25	2.50	18.00
Formosum. Dark blue, white centre, spikes 3 to 4 feet tall, vigorous; free blooming....	.15	1.50	10.00
Formosum Coelestinum. Most beautiful heavenly blue, immense flowers on tall stems .....	.15	1.50	10.00
Chinense Azureum. Plants grow but 2 feet tall, branch freely, each branch terminating with a loose spray of single flowers; color, a deep clear blue, fine for cutting .....	.15	1.50	10.00
Chinense Album. The same as above in white .....	.15	1.50	10.00
Kelway's Hybrids. No finer strain has ever been produced; the plants we offer are a re-selection from a choice private collection...	.15	1.50	10.00
Blue Butterfly (True). Brilliant deep blue.	.25	2.50	18.00
Gorgeous (New). Dark azure blue flowers; the plant grows 3 feet and thereby is better shaped than the usual delphinium .....	.35	3.50	25.00

Plants, with but few exceptions, can be shipped via express or freight only. No Plants sent C. O. D.



Hardy Chrysanthemum—Prince of Wales

HARDY CHRYSANTHEMUMS

They are welcome visitors in gardens, as they appear when few flowers are with us; the last thing in the fall. To facilitate selection we have classed them as to colors; the letter L prefixed means large flowered; the letter S, small flowered; the letters Sg., Single; the letter A, anemone flowered.

YELLOW

- L. **Globe d'Or.** Clear yellow.
- L. **Ida.** Bright golden yellow.
- L. **Patterson.** Old gold.
- S. **Agalia.** Light orange, shaded pink.
- S. **Eagle d'Or.** Chrome yellow.
- S. **Golden Pheasant.** Deep orange yellow.
- S. **Sunshine.** Bright golden yellow.
- S. **Tennyson.** Pure yellow.
- L. **Excelsior.** Bright orange yellow.
- L. **Triumph d'Or.** Rich golden yellow.

BRONZE

- L. **Peto.** Rich bronze.
- Sg. **Sir Walter Raleigh.** Light bronze.

WHITE

- L. **Irene.** Pure white, shaded flesh.
- L. **Lady Naylor.** White.
- L. **Louisa.** White, long stems.
- L. **Prince of Wales.** Best pure white.

Field Clumps

of any of these hardy Chrysanthemums will make magnificent specimens next fall and furnish a wealth of bloom the first season.

25c. each; per dozen, \$2.50; \$18.00 per 100.

DIELYTRA SPECTABILIS (Bleeding Heart)

Each Doz. 100

A bushy plant with many individual stems lined with pink heart-shaped flowers drooping downward. A most decorative plant, suitable as specimen or in combination in borders, July\$0.15 \$1.50 \$10.00

DIGITALIS (Foxglove)

These showy plants are but biennials but can be made perennial by the following treatment: Immediately after blooming, remove the flower stalk right down to the ground, also crop some of the large leaves; the result a number of new plants start from the old crown, which produce splendid flowers the second year. Digitalis will do well in semi-shady spots; spikes grow from 4 to 6 feet high, flower June.

	Each	Doz.	100
Gloxinaeflora White	\$0.15	\$1.50	\$10.00
" Pink .....	.15	1.50	10.00
" Blue .....	.15	1.50	10.00
" Mixed .....	.10	1.00	7.00
" Yellow. Two feet high.....	.15	1.50	10.00

DORONICUM EXCELSUM

An effective early spring flowering perennial, growing 2 feet high, with huge bright yellow, daisy-like flowers; fine for cutting15 1.50 10.00

DIANTHUS

Latifolius Atroc. Fl. Pl. The everblooming double "Sweet William Pink," a flower which resembles a Sweet William, but the individual bloom is much larger and the clusters smaller, of everblooming nature, flowering the entire season; color, a deep blood crimson. 15c. each, doz. \$1.50, \$10.00 per 100.

FUNKIA (Day Lily or Plantain)

The broad massive foliage makes them attractive border plants, even though they are not in bloom. They are used invariably as edging plants for entire gardens, also as specimen in lawns.

	Each	Doz.	100
Coerulea. Blue flowers, broad green leaves.....	\$0.15	\$1.50	\$10.00
Subcordata Grandiflora. Pure white lily-shaped fragrant flowers in August; foliage broad and green .....	.15	1.50	10.00
Undulata Media Picta. Green and white variegated foliage, purple flowers, fine for edging .....	.15	1.50	10.00

WHITE (Continued)

- L. **Queen of White.** Fine creamy white.
- L. **The Hub.** Fine, white open centre.
- S. **James Boone.** Pure white.
- A. **Earl.** Pearl white, silver rose centre, dwarf.
- A. **Lady Oliva.** Beautiful white.
- A. **Gracie.** White full centre.

PINK

- L. **Austin.** Lilac rose, cut petals.
- L. **Dinizulu.** Light rose.
- L. **Flossie.** Silver pink.
- L. **St. Illoria.** Silver rose, quilled petals.
- S. **Rhoda.** Pink, shaded white.
- A. **Oban.** Silver pink, anemone centre.
- L. **Elkton.** Light pink, full.

RED

- L. **Fred. J.** Red orange, for cut flowers.
- L. **Joppa.** Violet crimson.
- S. **Ermine.** Bright orange scarlet.
- S. **Rufus.** Crimson maroon.
- Sg. **Northumberland.** Bright scarlet, yellow disc.
- Sg. **Baltimore.** Violet red.
- S. **Little George.** Violet red.

We can also supply all other varieties not offered here.

Prices: Extra strong pot-grown plants, each 15c., \$1.50 per dozen, per 100 \$10.00. Set of 36 varieties, \$3.75.



GAILLARDIA GRANDIFLORA (Blanket Flower)

Hardy plants, growing about 2 feet high and Each Doz. 100
flowering from June until frost. The large
daisy-like blooms are of gorgeous coloring,
a combination of rings in gold and red....\$0.15 \$1.50 \$10.00

GYPSOPHILA (Baby's Breath)

A very useful plant growing about 2½ feet tall with innumerable fine branches crowned with miniature white flowers; July.

	Each	Doz.	100
Paniculata. Single, white	\$0.15	\$1.50	\$10.00
" Fl. Pl. A double form, new....	.25	2.50	18.00

HELENIUM (Sneezewort)

Desirable perennials with broad spreading heads of flowers.

Autumnale Superbum. Golden yellow, Sep-	Each	Doz.	100
tember, 4 feet	\$0.15	\$1.50	\$10.00
Bigelowi. Rich yellow flowers, July, 2 feet..	.15	1.50	10.00
Grandicephalum Striatum. Deep orange			
striped crimson flowers; September, 4 feet	.15	1.50	10.00

HELIOPSIS PITCHERIANA (Orange Sunflower)

Very similar to a small sunflower, but flower-	Each	Doz.	100
ing earlier, deep golden yellow, all summer	.15	1.50	10.00

HELIANTHUS (Sunflower)

All varieties we offer are effective garden plants.

Multiflorus, Fl. Pl. (Double Hardy Sun-	Each	Doz.	100
flower). Large double dahlia-like golden			
yellow flowers on long stems; July, 4 feet..	.15	1.50	10.00
Rigidus. Single, golden yellow, July, 3 feet..	.15	1.50	10.00
Wolley Dod. Yellow, September, 5 feet ....	.15	1.50	10.00

HEMEROCALLIS (Yellow Day Lily)

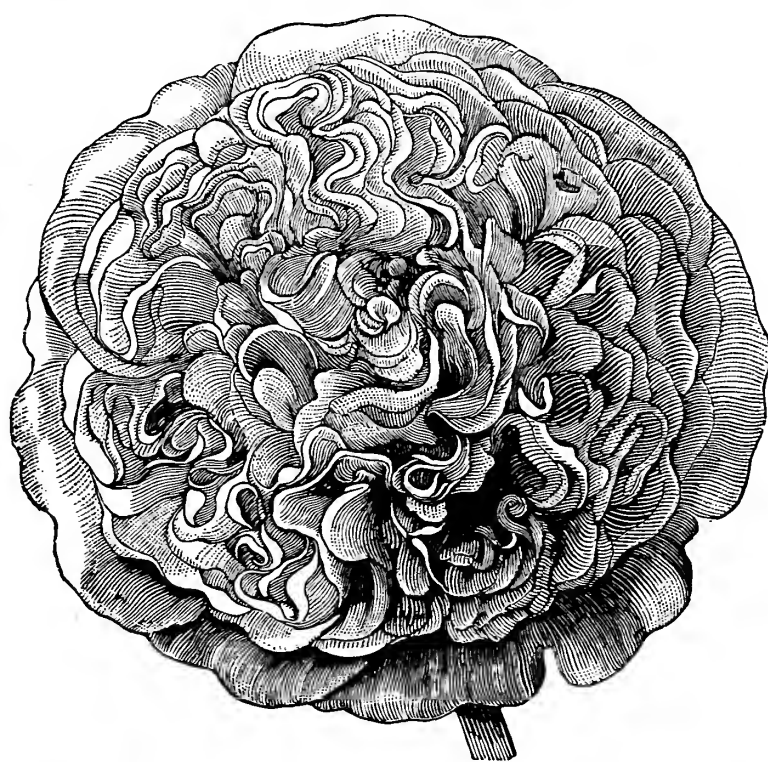
Lily-like plant, which flowers in greatest profusion during July.

	Each	Doz.	100
Flava. Light yellow flowers, 3 feet	\$0.15	\$1.50	\$10.00
Aurantiaca Major. Large, orange flowers..	.25	2.50	18.00

HIBISCUS (Mallow)

A showy plant growing best in damp locations.

Meehani (Meehan's Marvel Mallow). A fast	Each	Doz.	100
growing plant, attaining a height of 5 feet			
and flowering continuously from July till			
frost; all colors .....	.25	2.50	18.00
Moschatus (Musk Mallow). Large bell-			
shaped flowers of delicate pink, darker eye.	.15	1.50	10.00
Crimson Eye. Immense flowers of purest			
white with deep crimson eye, July, 4 feet..	.15	1.50	10.00



MICHELL'S MAGNIFICENT HOLLYHOCKS

No hardy or old-fashioned garden can be thought complete without these majestic flowers. In long rows or massed in clumps in lawns they are immensely showy, but most effective of all when planted in unconventional clusters in front of white painted buildings. Our Hollyhocks are "distinctive" and truly superb.

	Each	Doz.	100
Double Crimson	\$0.20	\$2.00	\$15.00
" Salmon Pink .....	.20	2.00	15.00
" Canary Yellow .....	.20	2.00	15.00
" White .....	.20	2.00	15.00
" Pink .....	.20	2.00	15.00
" Maroon .....	.20	2.00	15.00
" Mixed .....	.15	1.50	10.00
Single Mixed .....	.15	1.50	10.00
Alleghany Fringed Mixed .....	.20	2.00	15.00

HEUCHERA SANGUINEA (Alum Root)

Desirable dwarf plant of easy culture. Foliage	Each	Doz.	100
remains close to the ground. During July			
and August the graceful thin flower-spike,			
2 feet high, appear in profusion all crowned			
with loose heads of bright scarlet flowers..	\$0.15	\$1.50	\$10.00

NEW GIANT HIBISCUS

On page 125 we give a lengthy description of this splendid novelty. It grows 5 feet high and produces colossal bell-shaped flowers all summer long, covering many wonderful new shades of red, pink, purple and white in mixture. Large roots, will bloom the first season, 25c. each, doz. \$2.50, \$15.00 per 100. (Seeds 15c. per pkt.)

LATHYRUS (Hardy Pea)

Their growth is similar to Sweet Peas, in fact the flowers resemble them.

	Each	Doz.	100
Latifolius. Rosy crimson	\$0.15	\$1.50	\$10.00
" Albus. Pure white .....	.15	1.50	10.00
" Pink Beauty. Clear pink .....	.15	1.50	10.00

LIATRIS PYCNOSTACHYA (Blazing Star)

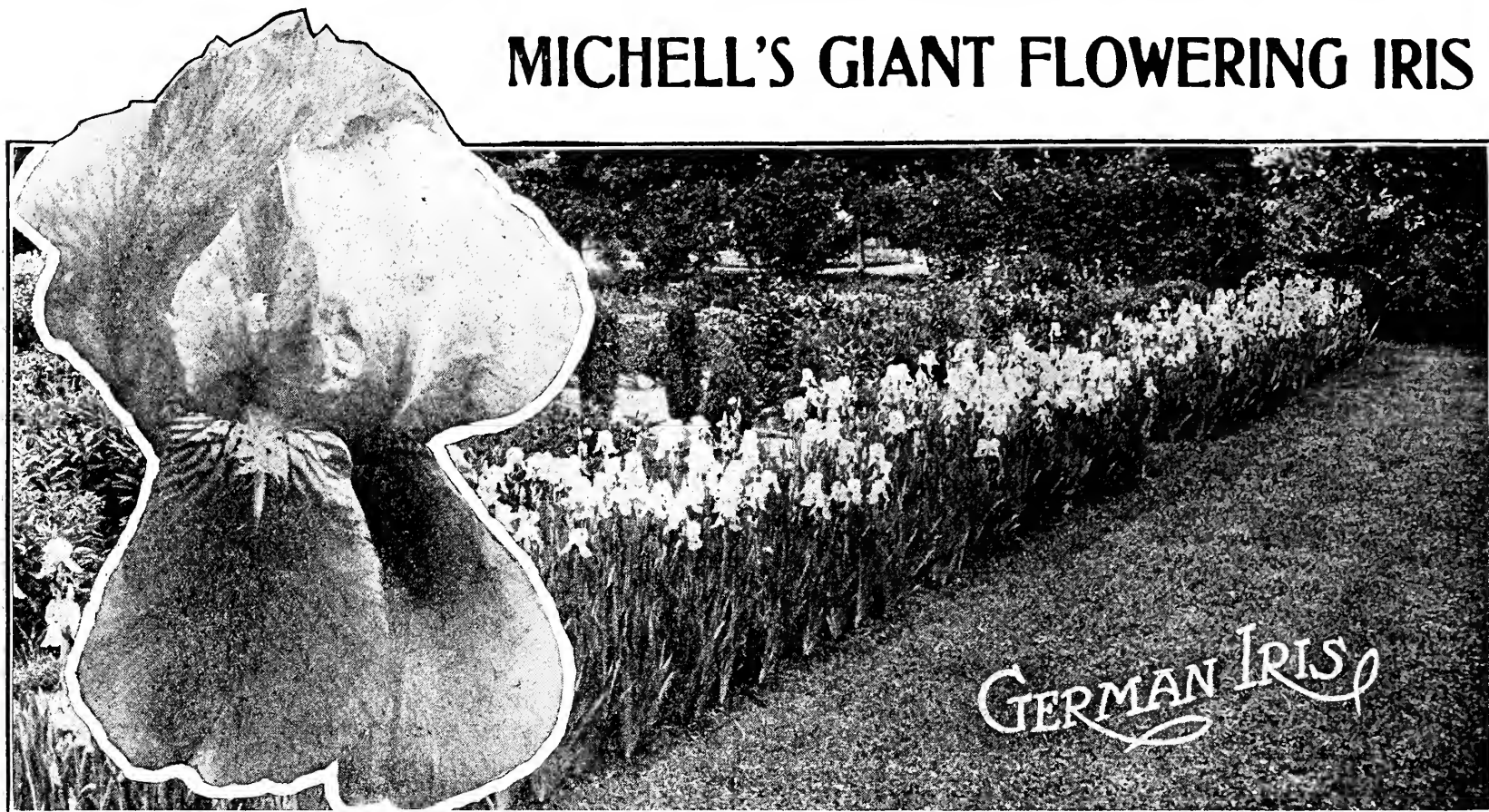
Attractive native plants with solid spikes of	Each	Doz.	100
light rosy-purple flowers, 5 feet, August...	.15	1.50	10.00

LILY OF THE VALLEY

This popular flower does well in shady	Each	Doz.	100
situations where it is not disturbed. We			
offer natural clumps .....	.25	2.50	18.00

Plants can be shipped via express or freight only, No Plants sent C. O. D.

MICHELL'S GIANT FLOWERING IRIS



IRIS PUMILA

The first of the Iris to bloom resembling in appearance the German variety; the plants are 6 inches high and are ideal when used as an edging for taller varieties or in borders or rockeries; they delight in a fairly dry, high situation, and once planted will increase in numbers.

	Each	Doz.	100
Violacea. Dark blue	\$0.10	\$1.00	\$7.50
Azurea. Light blue .....	.10	1.00	7.50
Lutea. Yellow .....	.10	1.00	7.50

IRIS KAEMPFERI (Japanese Iris)

The King of all Iris, covering a wide range of color; named sorts can be selected to cover a flowering period of 5 weeks, from the middle of June into July. The flowers, many of them when spread, measure 12 inches across. While they succeed generally in all soils, they delight and thrive best in a deep, rich location.

The names being rather awkward, we have arranged them under number so they can be ordered more readily. Our selection is grown in America and is absolutely true to description.

No. Double Varieties.

- 1 **Yomo=No=Umi.** Early double, pure white.
- 2 **Koki=No=Iro.** Rich purple, veined white.
- 3 **Kuma Funjiu.** A silver shade, bordered lilac, veined white.
- 4 **Uchu.** Rich purple with crimson shading.
- 5 **Renjo=No=Toma.** Fluted petals of light violet, white centre, with light veinings.
- 6 **Wakamurasaki.** Purplish crimson, dark centre shaded lilac.
- 7 **Hodai.** Delicate lavender, veined with deep purple.
- 8 **Mana=Dsura.** A splendid late pure white.
- 9 **Ho=O=Jo.** Deep purple, with a velvety crimson sheen.
- 10 **Geishoi.** Brilliant crimson purple, elegantly veined white.
- 11 **Kan=Ran.** Pure white, with rich veinings of deep violet.

Single Varieties

- 12 **Tora=Odori.** Delicate lavender on white ground.
- 13 **Osakazuki.** Delicate mauve, shaded lilac.
- 14 **Komanyo.** Rich violet-blue, marked and veined white.
- 15 **Yomo=Zakuru.** Veins of deep purplish red on light ground.

Price of any of the above-named sorts, in strong roots, 25c. each, doz. \$2.50, \$15.00 per 100.

IRIS GERMANICA (German Iris)

This is the popular "Flag Iris," thriving best in a high dry soil; when planting observe that the growing part of the crown protrudes from the soil, and only when established should this be covered entirely; most effective when planted in masses, either in the hardy border in front of shrubbery or in beds.

	Each	Doz.	100
Glorie de Hillegom. Light blue	\$0.15	\$1.50	\$10.00
Gracchus. Crimson and white .....	.15	1.50	10.00
Honorabilis. Golden yellow and bronze....	.15	1.50	10.00
Innocenza. Pure white .....	.15	1.50	10.00
Kharput. Deep blue .....	.15	1.50	10.00
Mad. Chereau. White, edged blue .....	.15	1.50	10.00
Maori King. Rich golden yellow .....	.15	1.50	10.00
Queen of May. Light pink .....	.15	1.50	10.00
Pallida Dalmatica. Delicate lavender .....	.25	2.50	15.00
Mixed Varieties, all colors .....	.15	1.50	10.00



Iris Kaempferi (Japanese Iris)

LYCHNIS (Campion)

Of easy culture, they soon develop to large bushy plants, all of them showy when in bloom.

	Each	Doz.	100
Chalcedonica. Heads of brilliant orange scarlet; 2 feet; all summer	\$0.15	\$1.50	\$10.00
Dioscea Rosea. Very dwarf, 6 inches, double pink			
Semperflorens, Pl. (Cuckoo Flower). 12 in., soft pink flowers, blooms all summer .....	.15	1.50	10.00
Viscaria (Ragged Robbin, London Pride). Double red flowers on stalks 15 inches high, very showy. June .....	.15	1.50	10.00

LUPINUS (Lupins)

Of exceptional value, as they flower equally well in sunny or shady spots. Plants grow 3 feet high and make an effective showing for 3 weeks in July.

	Each	Doz.	100
Polyphyllus, Blue	\$0.15	\$1.50	\$10.00
" White .....	.15	1.50	10.00
" Moerheimi. Pink (new and very showy) .....	.25	2.50	18.00

LYTHRUM (Rose Loosestrife)

Roseum Superbum. Strong growing plant, 3 to 4 feet high, producing large spikes of rose-colored flowers from July to September .15 1.50 10.00

MONTBRETIA

A beautiful flowering bulb resembling a miniature Gladioli, absolutely hardy, and only effective if planted in masses from 50 to 100 bulbs in a clump. The bulbs can be planted as long as the ground is open, about 3 inches deep; they can also be planted in the early spring; height, 24 inches.

Crocsmiaeflora Type. Scarlet and yellow.			
" Aurantiaca. Deep golden yellow.			
" Etoile de Feu. Vermilion with yellow centre.			
" Germania. Large, orange scarlet.			
" Speciosa. Golden yellow.			
" Rayon d'Or. Light yellow, spotted brown.			

Price of any of the above: 3c. each, doz. 25c., \$1.75 per 100.

MONARDA (Bee Balm) (Bergamot)

Didyma. Stately spikes, 4 feet tall, appear in great profusion over-topped with heads of bright scarlet flowers, July and August.... \$0.15 \$1.50 \$10.00

OENOTHERA (Evening Primrose)

In open sunny positions they are extremely effective; flowering continuously all summer.

	Each	Doz.	100
Missouriensis. Large golden yellow, 1 foot.	\$0.15	\$1.50	\$10.00
Pilgrimi. Large clusters of bright yellow flowers .....	.15	1.50	10.00
Youngi. Bright yellow, 1½ feet .....	.15	1.50	10.00

PENTSTEMON (Beard Tongue)

Showy perennials resembling Snapdragons in appearance.

	Each	Doz.	100
Digitalis. Pure white spikes, 3 feet high, June and July	\$0.15	\$1.50	\$10.00
Barbata Torreyi. Spikes of brilliant scarlet flowers, height 3 to 4 feet; June to August .....	.15	1.50	10.00

PHYSOSTEGIA (False Dragon Head)

One of the most beautiful of our mid-summer perennials, forming dense bushes 3 to 4 feet high, having spikes of delicate tubular flowers similar to heather.

	Each	Doz.	100
Virginica. Bright soft pink	\$0.15	\$1.50	\$10.00
" Alba. Pure white .....	.15	1.50	10.00

PLATYCODON (Balloon Flower or Japanese Bell Flower)

Stalks 2 to 3 feet high covered with lovely bell-shaped blossoms; July and August.

	Each	Doz.	100
Grandiflorum. Blue	\$0.15	\$1.50	\$10.00
" Album. White .....	.15	1.50	10.00
" Mixed Colors .....	.15	1.50	10.00

PLUMBAGO (Lead Wort)

Larpentae. Of dwarf spreading habit, growing 4 to 6 inches high; used for rockeries or edging, covered with beautiful deep blue flowers the entire season .15 1.50 10.00

*Iceland Poppies***ICELAND POPPIES (Papaver Nudicaule)**

Dwarf spring-flowering plants, appearing very early. The bright cheerful colors are very attractive when used as an edging to a border.

	Each	Doz.	100
Yellow	\$0.15	\$1.50	\$10.00
White .....	.15	1.50	10.00
Mixed. All colors .....	.15	1.50	10.00

ORIENTAL POPPIES

Showy plants of unusual merits, succeeding everywhere; June.

	Each	Doz.	100
Oriental. Plant grows 2 feet high, bearing gigantic orange red blooms on stout stems.	\$0.15	\$1.50	\$10.00
Parkmanni. Deep crimson flowers of splendid form .....	.15	1.50	10.00
Furstenkind. Enormous flowers of flesh pink, suffused with delicate rose and a deep black centre .....	.50	5.00	
Goliath. Enormous bright scarlet flowers on stems 3½ feet long .....	.30	3.00	

PYRETHRUM (Colored Daisies)

	Each	Doz.	100
Hybridum, Fl. Pl. Double daisy-like flowers in red, white and pink appear on 2-foot stems in June in greatest profusion; fine for cutting .....	.15	1.50	10.00
Hybridum, Single. Single flowers as above. ....	.15	1.50	10.00
Uliginosum (Giant White Daisy). Large flowers appear on tall bushy plants late in September; 6 feet; white .....	.15	1.50	10.00

RUDBECKIA

	Each	Doz.	100
Golden Glow. The most popular of all perennials, strong robust grower, it throws up spikes 6 and 7 feet tall with clusters of large double yellow, aster-like flowers in August. Increases very rapidly; strong clumps. ....	.15	1.50	10.00
Purpurea. Flowers about 4 inches across, of a peculiar reddish purple, with a large cone-shaped centre; plants bushy, 3 feet high. ....	.15	1.50	10.00

SALVIA

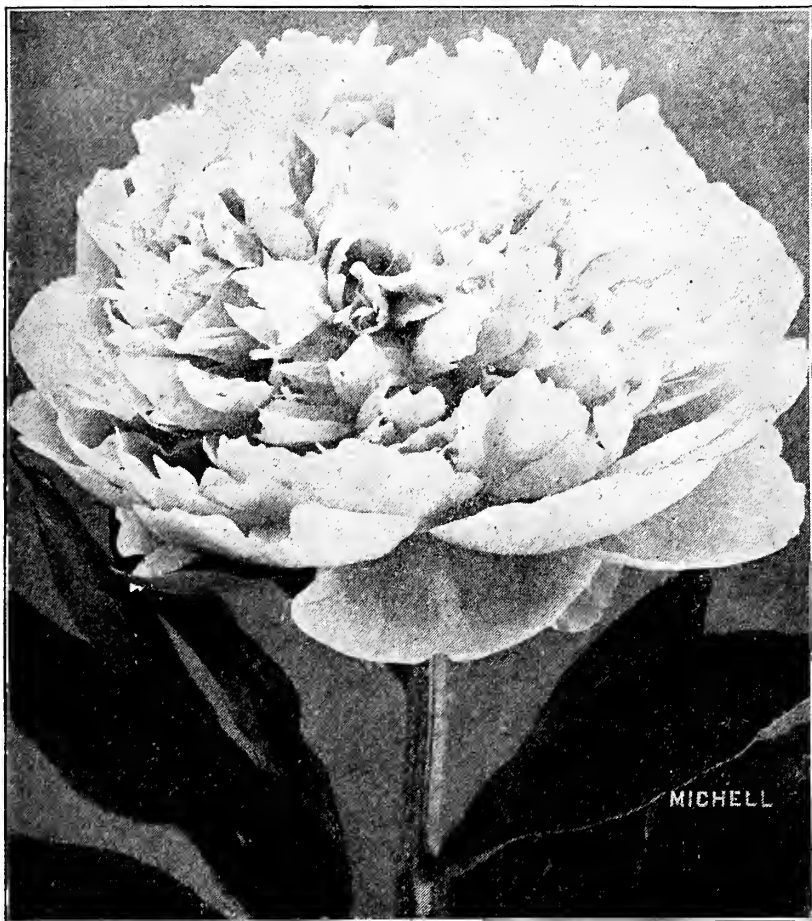
	Each	Doz.	100
Azurea. Plants growing 2 to 3 feet high, producing during August and September pretty sky-blue flowers .....	.15	1.50	10.00

SCABIOSA

Hardy border plants with solid heads of flowers on rigid stems 15 inches high.

	Each	Doz.	100
Caucasica, Blue. Delicate blue	\$0.15	\$1.50	\$10.00
" White .....	.15	1.50	10.00

MICHELL'S GORGEOUS (GIANT FLOWERING) PAEONIES



PAEONY CHINENSIS

This is the common garden variety in cultivation most everywhere.

	Each	Doz.	100
Double Red. Large roots	\$0.25	\$2.50	\$15.00
Double White. Large roots .....	.25	2.50	15.00
Double Pink. Large roots .....	.25	2.50	15.00
* Extra Large 4-year-old roots of the above			
variety and colors .....	.50	5.00	35.00

(* These clumps cannot be mailed, too heavy.)

PAEONY OFFICINALIS (The old fashioned Paeony)

Fragrant flowers of immense size, flowering early in May and having a distinct foliage and growth.

	Each	Doz.	100
Rosea. Double pink	\$0.30	\$3.00	\$20.00
Rubra. Double red .....	.30	3.00	20.00
Alba. Double white .....	.30	3.00	20.00

One each of above 3 colors for 75c.

PAEONY TENUIFOLIA Flore Plena

An early flowering specie with fern-like foliage and double deep crimson flowers, a shade like the Jacq Rose; this is undoubtedly one of the most attractive paeonies in cultivation, excellent for massing or planting individually in the herbaceous border, blooming very early in May, sometimes latter part of April, makes an exceedingly attractive plant. Each, 25c.; per doz., \$2.50; \$18.00 per 100.

Paeony Culture is fully covered by **Michell's Bulb Growing Guide**. Ask for a free copy.

This "Queen of Spring" holds a place entirely her own in effective gardens. The exquisite form, the delicate and rich colors, its value for garden or house decoration, and the delightful fragrance are all points in its favor. No disease or insect ever troubles this plant. The best effect of Paeonies is attainable when massed by themselves in groups on lawns with a distinct background of shrubbery. They delight in a sunny location in soil rich and as deep as possible. After planting take care to see they are watered regularly until you feel they are established. At blooming time the size and quality of flower are greatly increased if water is supplied in absence of occasional rains. In planting always take care to see that the crown or top of root is not more than 1 to 2 inches below the surface when covered. The roots are perfectly hardy and once planted remain for years, increasing in size. **Orders Booked now for Late Fall and Spring Delivery**, can be planted either season with great success. All our roots are extra strong and will give fine results.

SUPERB NAMED PAEONIES

During recent years wonderful progress has been made in the production of newer sorts, and no choice garden can afford to be without a good collection of these magnificent named varieties, as they furnish a continuous supply of bloom during paeony season. The varieties are numerous but the shades of color are confined to a limited number, and for that reason we offer a short list that we have selected from a great many sorts; these having proven to be the best.

	Each	Doz.
Achille. Beautiful soft mauve rose changing to almost pure white	\$0.25	\$2.50
Alba Plena. Immense flower of purest white .....	.25	2.50
Anemoneflora Rubra. Anemone form, having a broad collar and a mass of narrow petals in the centre; a beautiful even dark crimson .....	.35	3.50
Agnes Mary Kelway. Rosy white guard petals, creamy white centre .....	.25	2.50
Beaute Francaise. Delicate flesh pink with purplish white and carmine spots .....	.35	3.50
Carnea Elegans. Clear flesh color, glossy reflex, a very pleasing shade .....	.35	3.50
Candidissima. Creamy white with clear sulphur yellow centre; slightly tinted with flesh .....	.50	5.00
Charlemagne. Creamy white, centre light pink, immense bloom .....	.35	3.50
Clarisse. Beautiful rose pink, centre silvery pink, fine form and habit .....	.25	2.50
Couronne d'Or. Immense, very full, imbricated ball-shaped form; color, snowy white with yellow reflex, and deep pink edges on a few petals .....	.50	5.00
Delachi. Deep purple, crimson reflex; strong grower; free bloomer .....	.35	3.50
Duc de Wellington. Well formed blooms, sulphur white, fragrant .....	.35	3.50
Faust. Tender flesh-colored pink, clear salmon centre .....	.25	2.50
Festiva Maxima. Enormous, very full, shell-formed bloom often 7 to 8 inches in diameter; color, snow white with an occasional purple spot on edges of centre petals .....	.25	2.50

Please note that we offer the above in extra strong roots.

If Paeony roots are wanted by mail add 5c per root for mailing

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

Michell's Superb Hardy Phlox



WHITE VARIETIES

Bridesmaid. A splendid newer variety with large individual flowers, pure white, attractively marked with a deep blood red eye. 25c. each, doz. \$2.50, \$18.00 per 100.

Von Lassburg. The Queen of all clear white Phloxes, trusses and single flowers are immense in size, as the plant is rather dwarf, it should always be planted in the foreground. 20c. each, doz. \$2.00, \$15.00 per 100.

Jean d'Arc. One of the latest white flowering, and for this reason should be included in every collection; the colors of phloxes range in the shades of pink and red and white should be used in every instance between the other colors. 20c. each, doz. \$2.00, \$15.00 per 100.

Miss Lingard. Very valuable because it is the earliest flowering phlox we know of, beginning in June and blooms uninterruptedly till frost; rather tall and of vigorous growth; pure white.

Mrs. Jenkins. Of medium height with immense clusters of creamy white flowers, very effective when planted in masses.

Fiancee. Clear white, with very large flowers.

Richard Wallace. Blush white, with violet eye, very showy.

PINK VARIETIES

Elizabeth Campbell. A gem among the pink phloxes, very new; the color is a delicate salmon with a refreshing touch of vivid pink in the centre; of medium height; producing immense flower heads. 25c. each, doz. \$2.50, \$18.00 per 100.

Gruppen König. Delicate mauve pink with claret red eye, easily recognized from a distance. Well named because it is most effective when grouped in masses. 25c. each, doz. \$2.50, \$18.00 per 100.

Hanny Pfeleiderer. Cream colored changing to salmon; with a carmine red centre. 25c. each, doz. \$2.50, \$18.00 per 100.

Rheinstrom. A splendid new Phlox with gigantic flowers of a bright pink. There is no similar shade among existing pink varieties, therefore everyone who admires and grows Phlox should have it in their collection. The growth is quite tall, the flowers come early and continue in bloom till frost; truly a grand variety. 50c. each, doz. \$5.00, \$35.00 per 100.

Selma. Very pretty with delicate pale rose flowers, each being adorned with a red eye. 20c. each, doz. \$2.00, \$15.00 per 100.

R. P. Struthers. Light scarlet pink, dark centre, very large.

Tower of Eiffel. Light salmon pink, red centre, very early.

Pink Beauty. Delicate pink, enormous spike, very early; showy.

Wm. Robinson. Salmon with rosy centre, a distinct shade.

RED AND SCARLET VARIETIES

Dr. Königshofer. Brilliant orange scarlet with dark blood red eye, resembling somewhat the variety Coquelicot, but is more brilliant, and of dwarf growth. 35c. each, doz. \$3.50, \$25.00 per 100.

General von Heutsz. This produces immense trusses of enormous flowers, which are the most brilliant salmon scarlet, with a white eye, which enhances its beauty. 25c. each, doz. \$2.50, \$18.00 per 100.

Goliath. A distinct variety of attractive appearance, a robust grower, attaining a height of 3 feet. The flower trusses are large, of a bright cerise color. 40c. each, doz. \$4.00, \$27.50 per 100.

Coquelicot. Brilliant orange scarlet with a large truss.

Gen. Chanczy. Light red, tinted salmon, a large flower.

Matador. Brilliant red, cherry red eye, dark foliage.

Montagnard. Dark crimson, large spike and flowers.

Von Hochberg. The best clear crimson, very rich color.

Embracement. Extra large, bright orange scarlet.

Fernand Cortez. Deep crimson, very dark centre.

Madame P. Langier. Bright geranium red.

PURPLE PHLOX

Le Mahdi. Most of the phloxes as they were known years back were all of a blue shade known as Magenta, a color which is hideous to many people. Of the shades of blue offered to-day, there are many which again approach Magenta. For this reason we offer only one variety in this class and highly recommend it for its splendid coloring, namely, a royal deep purple.

MISCELLANEOUS PHLOXES

Phlox Divaricata Canadensis. A native, Each Doz. 100
blooming early in April and continues
through May; 10 inches high, fragrant lavender flowers; a real gem of the garden.. \$0.15 \$1.50 \$10.00

Phlox Subulata Rosea (Moss Pink). Moss
evergreen-like foliage, tucking close to the
ground and covered completely with pink
star-like flowers in May15 1.50 10.00

Phlox Subulata Alba. The same as above
with pure white flowers15 1.50 10.00

Note—Price of any of the above Phlox, except where noted, 15c. each; dozen, \$1.50; \$10.00 per 100.

*Stokesia Cyanea***STOKESIA (Cornflower or Stokes Asters)**

A charming plant, grows 18 to 24 inches high, flowering from July to October; blossoms measure 4 to 5 inches across and resemble asters.

	Each	Doz.	100
Cyanea. Light blue	\$0.15	\$1.50	\$10.00
" Alba. Pure white .....	.20	2.00	15.00

SWEET WILLIAMS

A border without these is incomplete, for they are at their best when we have but few other perennials in bloom, with their bright colors they produce an atmosphere of cheer and bring gladness to the heart and eye. They are splendid as cut flowers and increase in size and beauty each year.

Michell's Prize Mixture. All colors Each .15 Doz. 1.50 100 \$10.00

Pink Beauty (sometimes called Newport Pink). A splendid shade of salmon with immense flower trusses. Massed is a striking feature of the perennial garden; an extra fine novelty20 2.00 15.00

White15 1.50 10.00

Crimson15 1.50 10.00

SEDUM (Stone-crop)

Suitable for carpet bedding, rockeries and edging; fleshy leaves.

Acre. Foliage green, flowers golden yellow, Each .10 Doz. 1.00 100 \$7.00

3 inches10 1.00 7.00

Album. Foliage green, flowers white, 3 ins. .10 1.00 7.00

Spectabilis. Grows 18 inches high with large light green foliage and immense heads of pink flowers; June15 1.50 10.00

SHASTA DAISY

Alaska. The largest of all hardy daisies; produced by Luther Burbank; glistening white flowers on erect stems 18 inches long; Each .15 Doz. 1.50 100 \$10.00

gigantic blooms in great profusion.....

THALICTERUM (Meadow Rue)

Album. Graceful plants with fern-like foliage and loose spray of feathery white flowers, 3 feet, July15 1.50 10.00

THERMOPSIS

Fabacea. Tall plant, 3 feet, producing long spikes of yellow lupin-like flowers in June and July15 1.50 10.00

TROLLIUS (Globe Flower)

The spring flower known as Buttercups.

Europeus. Large bright yellow15 1.50 10.00

Japonicus Excelsior. Very deep orange.... .15 1.50 10.00

Leuchtkugel. A mass of deep orange-red bell-shaped blooms appear on erect stems above compact foliage, it flowers very early .25 2.50 18.00

MICHELL'S POPULAR COLLECTIONS OF PERENNIALS

A beginner requires the guidance of the more experienced plantsman, otherwise the start of a perennial border may be a sad disappointment. We want to assure our customers that we are only too willing to render whatever service we can in order to carry these plantings to a successful conclusion. To facilitate the first selection and induce every one to possess some of these choice hardy plants, we offer collections as stated below. Each plant labeled in a variety to carry the flowering season through the whole summer.

				Regular Value
Collection No. 1.	12 Plants, 12 Varieties for \$1.00			\$1.50
Collection No. 2.	25 " 25 " " 2.50			4.00
Collection No. 3.	100 " 25 " " 9.00			12.50

Simply order any of the above by number, referring to the special offer on page 134. These collections can be sent by express only, at purchaser's expense, as we send out strong, thrifty plants, not seedlings.

THE PLANNING OF BORDERS is a subject to which we give much attention and we offer our services free to our customers or others who contemplate doing any work of this character.

*Michell's Giant Flowering Sweet William*

Plants, with but few exceptions, cannot be mailed, nor can we send them C. O. D.

**TRITOMA** (Red Hot Poker) (Flame Flower or Torch Lily)

For showy groups in late summer we can hardly recommend anything better. The massive spikes grow 3 feet high and are splendid for cutting.

Each	Doz.	100
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Pfitzeri. Blooms continuously from August to November; color, orange scarlet\$0.15 \$1.50 \$10.00

Tucki. Very early, flowers July and August; color, bright salmon to yellow15 1.50 10.00

VERONICA (Speedwell)

Very hardy showy plants, succeeding in all soils.

Longifolia Subsessilis. Plant grows 3 feet high and produces many spikes of bright blue flowers, July and August15 1.50 10.00

Amethystina. Dwarf plants, 12 inches, with light blue flowers15 1.50 10.00

Virginica Alba. 18 inches high, white flowers .15 1.50 10.00

Incana. Silver foliage; amethyst blue flower .15 1.50 10.00

VINCA MINOR (Myrtle)

Splendid creeping plants with deep green glossy foliage and bright blue flowers in spring, used extensively for covering graves and bare spots in shady situations where grass refuses to grow15 1.50 10.00

VIOLA CORNUTA (Tufted Pansies)

Valuable flowering plants remaining in bloom the entire season; very similar to pansies but being hardy.

Each	Doz.	100
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Blue and Purple Varieties, separate\$0.15 \$1.50 \$10.00

White and Yellow Varieties, separate15 1.50 10.00

YUCCA FILAMENTOSA (Adam's Needle)

Each	Doz.	100
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As an ornamental plant, specimen or mass effect this certainly heads the list. In or out of bloom it is an attraction. The broad sword-like foliage is surmounted with tall spikes of large fragrant, drooping white flowers in June and July25 .250 15.00

**HARDY ORNAMENTAL GRASSES**

Gorgeous effects can be had with large plantings of ornamental grasses, in fact certain spots in our gardens would be bare were it not for these decorative plants. In the vicinity of ponds, brooks, or any water-spot, they are ideal. Large clumps on lawns are superb.

ERIANTHUS RAVENNAE (Plume Grass)

Each	Doz
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Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flowers, resembling ostrich feathers\$0.25 \$2.50

EULALIA GRACILLIMA UNIVITTATA (Japan Rush)

Of graceful habit with very narrow foliage of bright green color with silvery midrib; 4 to 6 feet25 2.50

EULALIA JAPONICA VARIEGATA

Long narrow leaves striped green, white and often pink and yellow; 4 to 6 feet25 2.50

EULALIA ZEBRINA (Zebra Grass)

The long blades of this variety are marked with broad yellow bands across the leaf; a most attractive plant for the lawn25 2.50

GYNERIUM ARGENTEUM (Pampas Grass)

The silvery plumes are produced on stems 8 to 10 feet high25 2.50

PHALARIS ARUNDINACEA VARIEGATA

(Variegated Ribbon Grass)

Each	Doz.
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Large variegated foliage; fine for large beds10 1.00

HARDY FERNS

Suitable positions for hardy ferns are to be found in almost every garden. With few exceptions they do best in semi-shady positions.

Each	Doz.
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Adiantum Pedatum (Maiden Hair). 8 to 12 inches high\$0.20 \$2.00

Asplenium Felix Foemina (Lady Fern). 24 to 36 inches high20 2.00

Dicksonia Punctulobula (Gossamer Fern). 24 to 36 inches high20 2.00

Dryopteris Acrostichoides20 2.00

" Spinulosa20 2.00

Osmunda Regalis (Royal Fern). 24 to 48 inches... .20 2.00

NEWER VARIETIES OF HYBRID TEA ROSES

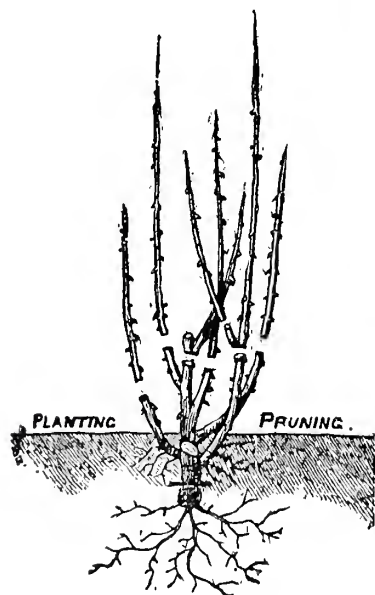
This class of roses deserves all the praise bestowed upon it. With proper care they will flower uninterruptedly from June till frost, and by that we do not mean sparingly but in profusion at all times. Their foliage is leathery and very clean; the flowers are borne on strong, extra long stems, their fragrance is deliciously sweet; every one of them. For garden decoration or cut flowers, we recommend these highly; they are absolutely hardy and do not require any more protection than any other rose. We have been able to cut masses of splendid flowers from these as late as October 31st at our Evergreen Seed Gardens, where rose lovers may admire a splendid collection, planted for exhibition. All Hybrid Tea Roses offered by us, with the exception where noted, are 2-year-old, extra strong field-grown stock and furnished by us in pots.

SPECIAL DIRECTIONS FOR PLANTING ROSES

Open a good space and spread out roots; never cramp them into a small hole. Do not let manure come in contact with roots but place it underneath. If the rose is a bush plant, set it so deep that only branches are visible above ground and never the main stem, but too deep is as bad as too shallow; 2 to 4 inches of the lower branches may be under the surface, but no more. If the plant is a budded or grafted rose, be sure that the bud or graft is fully 3 inches below the surface. Prune in spring only, when life is just apparent and be severe. The strongest growth should be cut back to within six inches above ground; the weaker growth to 4 inches. Observe the illustration below for pruning and depth of planting: All soil above the roots should be well pressed down. Feed your roses with "Ground Bone" and "Pulverized Sheep Manure." Mulch the ground during summer. Spray as soon as growth commences and continue once a week with "Pyrox." The only remedy against the rosebug is Readeana, this positively destroys them and does not injure the flower or blossom.

Alice Lindsell. A most exquisitely shaped rose of cup-form; very double and large; color creamy white, enlivened with a pink centre; the perfume is delicious; splendid for cutting.

Betty. A rose which well deserves its popularity, as it begins to flower quite early and is constantly in bloom till late in the fall. The flowers, which are of a glowing bronzy rose, are covered with a shade of gold, which makes the color really distinct.



Note the proper way to plant and prune a rose bush.
See the separation where the pruning is indicated



Rose, Alice Lindsell

Madame Ravary. A remarkable color, deep nankeen yellow turning lighter toward the centre; a large double flower.

Mrs. Aaron Ward. A conspicuous rose on account of its coloring which is new, as a bud it is deep Indian yellow, as it opens it adopts a broad margin of light yellow on the inner edge, when fully opened it is light yellow throughout. Very free bloomer, the flowers are very exquisite.

Dean Hole. One of the best roses for midsummer, being loaded with flowers during July and August. The color is very attractive, being deep salmon pink with tremendous flowers.

Florence Pemberton. The flower is of exquisite shape, oblong with a curve towards the top; very double, of a most pleasing shade, namely of a creamy white, suffused with pink.

Harry Kirk. Yellow roses are not plentiful and in this variety we offer a rare acquisition, of deep canary yellow with a slight edge of sulphur; the flowers are large and very double with petals of great substance, free bloomer and one of the "Gold Medal type."

Jos. Hill. Of very recent introduction, being splendid as a cut flower, also deliciously fragrant; the color is a pleasing shade of salmon, turning to pink.

Mrs. David Jardine. Immense double flowers are borne on straight long stalks abundantly all summer, but especially free during June and late in the fall, preferring the cooler weather. Color is a magnificent rose-pink, shaded lighter toward the edges.

Mrs. Peter Blair. Extremely free, delightfully fragrant; this chrome yellow rose is beautiful in buds, while when open it has but few petals.

ANY OF THE ABOVE ROSES, large plants, 75c. each; doz., \$7.50; \$50.00 per 100

HYBRID TEA ROSES (NEWER VARIETIES CONTINUED)

Prince de Bulgarie. In this rose one will find a combination of colors that is not duplicated in any other; delicate flesh pink shaded deeper in the centre and suffused salmon. The flowers are extremely large and very double. 75c. each, doz. \$7.50.

The Lyon. Easily recognized by its wonderful color, which is a warm coral red with a buff yellow base; the flowers are immense in size and are cup-shaped, both bud and open flower are very attractive. 75c. each, doz. \$7.50.

White Killarney. Like its sister it is of peculiar shape; long and pointed when in bud; while the flowers are pure white, they are occasionally flushed pink on the outer edge; although the blooms show but few petals, the open flowers are exceedingly attractive on account of the enormity of the petal. 75c. each, doz. \$7.50.

STANDARD VARIETIES (of Established Merit)

Clothilde Soupert. A rose that is especially adapted to bedding, producing masses of flowers continuously. They always appear in clusters of three to six and on account of their delicate color—fleshy white, with a deep pink centre—they are very attractive.

Etoile de Lyon. A very fine flower and bud of sulphur yellow shade, does exceedingly well in the hot-test kind of weather.

Gen. MacArthur. Recommended as the best deep scarlet rose in existence. The fragrance is delightful and the blooms, even under most unfavorable conditions are produced in great number.

Gruss aus Teplitz. This is often termed the reddest of the red roses. The foliage, which takes on a coppery red color, is almost hidden with masses of flowers, the centre of which are light red, while the outer petals are crimson red.

Hermosa. No rose blooms as freely and as long as this one. Its compact-growing bush is a mass of bright pink flowers from June till frost. An excellent rose for cemetery plantings.

Kaiserin Auguste Victoria.

Undoubtedly the best pure white rose for the garden, always borne on extra long stems, which makes it suitable for cutting; the form is perfect both in bud and when open and while perhaps it is not as free in blooming as some of its rivals, it is by far the most constant blooming rose during the summer.

Killarney. In shape nothing can approach this beautiful rose, its long perfectly shaped bud which on the outside is of a delicate pink unfolds a flower with but few petals, but with this characteristic it is doubly attractive. When open it displays a deeper shade of pink on the inside.

Maman Cochet (Pink). In the vicinity of Phila. this rose is grown perhaps more than any other, on account of its many good qualities. The individual large flowers are often on stems 2 feet long, which makes it grand as a cut flower. The shade of color is a "Bridesmaid Pink."

Price of any Roses on this page (except where noted), 50c. each, doz. \$5.00, \$35.00 per 100.

Maman Cochet (White). The exact duplicate of the former except in color, which is white, occasionally tinted pink on the outer petal edges.

Mme. Caroline Testout. One of the oldest and best varieties. The flowers are of a bright satiny rose shaded deeper in the centre; bud and flower are open or cup-shaped and are very double.

Mme. Jules Grolez. A flower with an extremely long pointed bud and of a delicate silvery rose, tinted yellow at the base; very hardy and desirable.

Mildred Grant. Superb for mid-summer blooming. The bud is of unusual depth, coming to a sharp point at the top. The flower opens perfectly, making a delightful rose, the color being blush white with a faint shade of apple blossom pink; splendid for cutting, the individual flowers being borne on very heavy stems.

Perle des Jardins. The only true pure yellow rose. The bud and flower are of medium size, borne on slender wavy stems; extremely desirable on account of its true tea rose fragrance. It should be protected during the winter.



Rose, Mildred Grant

Richmond. A beautiful variety especially when in bud; a rich shade of crimson. This rose should be in every collection, as nothing approaches it in form for this color.

Souv. de Pierre Notting. A splendid variety on account of its freedom of bloom, which extends through the whole season. The color is an apricot yellow, blended a copper shade.

ROSE CULTURE. (Ellwanger.) A complete treatise, \$1.25 postpaid.

To Keep Roses Free From Insects, Spray with "Pyrox."
25c. per lb., 5 lbs. \$1.00, \$1.75 per 10 lbs., 25 lbs. \$4.00, \$13.50 per 100 lbs. One lb. makes 5 gallons of ready liquid.

THE CHOICEST HYBRID PERPETUAL ROSES

MICHELL'S HYBRID PERPETUAL ROSES



Rose, Ulrich Brunner

ROSA RUGOSA

Japanese or Shrubbery Rose

This rose grows very robust with deep green puffed foliage and produces semi-double and double flowers in profusion during June. In fall and winter the plants are covered with bright red, large berries; an excellent plant for a shrubbery bed or a solid hedge. They are quick, tall growers and can be pruned back to hold them at any height; very hardy. All our plants are furnished from 6-inch pots.

	Each	Per Doz.
Rubra. Deep reddish pink, single	\$0.50	\$5.00
Alba. Single white .....	.50	5.00
Conrad Ferd. Meyer. Double, light pink, of immense size .....	.50	5.00
Set of three (one each), \$1.25.		

All roses offered by us are *extra strong 2-year-old, extra selected for size and shape* and furnished by us from large pots. Such roses will not only give a *full crop of flowers this season* but will make a special strong growth for following seasons. Hybrid Perpetual Roses produce their main crop in June and frequently some good flowers in the fall. We offer here what we consider the choicest, but we can also furnish other varieties if wanted.

Frau Karl Druschki. An exquisite flower of the purest white; form perfect.

General Jacqueminot. The old favorite; velvety crimson flowers on long stems.

Magna Charta. One of the largest; color deep pink, very fragrant.

Ulrich Brunner. Bright cherry red, flowers large and full; succeeds always.

Baroness Rothschild. Soft delicate pink, very large.

Captain Christy. Delicate flesh white, very free.

Fisher Holmes. Bright scarlet, shaded deep maroon.

La France. Soft pink with white reverse of petal.

Mabel Morrison. White, slightly flushed with pink.

Madame Gabriel Luizet. Pale pink, very sweet.

Mrs. R. G. Sharman Crawford. The finest light pink rose.

Mrs. John Laing. Soft pink, very fragrant and large.

Paul Neyron. The largest of all roses, deep rose.

Prince Camille de Rohan. Deep velvety crimson maroon.

Soleil d'Or. Golden orange to reddish gold

Price of any of the above extra strong, two-year-old plants, 50c. each, 6 for \$2.75, \$5.00 per doz., per 100 \$35.00.

DWARF RAMBLER ROSES

This class is ideal for bedding and have more than one flowering season, in fact they bloom continuously. As a rule they grow but 18 inches high and produce nice compact bushes; edging rose gardens with these is distinct feature.

Baby Rambler. Exactly like the climbing Crimson Rambler in color and form.

Catherine Zeimet. Sometimes called the White Baby Rambler; color, pure white.

Orleans. Brilliant geranium red suffused pink, with a white centre.

Price of any of the above Dwarf Ramblers: 50c. each, doz. \$5.00.

ROSA WICHURIANA

The Creeping or Memorial Rose

No other rose occupies such a unique position in gardens. The long slender stems which are completely dressed with small glossy deep green foliage trail to any rock, ground, trellis or wire and often grow 20 feet in one season. During their flowering season the foliage is entirely hidden by the wealth of fragrant blossoms. For cemeteries they are ideal, as they flower about the end of May. Rockeries, terraces and bare spots in gardens cannot be more readily beautified.

Wichurlana Type. Single white flowers.....

Gardenia. Buds bright yellow, open double cream-colored flowers

Alba Rubifolia. Double pure white flowers.....

Plants can be shipped via express or freight only, No Plants sent C. O. D.

HARDY CLIMBING ROSES

Our roses are either home-grown or imported from northern England. They are dug in the fall, ripened, potted and placed in an unheated glass house. Here they remain dormant until their natural time (spring) to grow. Such roses no matter when planted can never fail but must succeed. *All our roses are furnished in large pots and can be shipped from March till November.*

STANDARD VARIETIES

Crimson Rambler. One of the most popular roses, producing large clusters of bright crimson flowers; a well established plant in full bloom is one of the finest attractions. It grows 20 feet high and more, and can readily be used to cover trellis, verandas, pergolas and fences. Extra strong size 50c. each, doz. \$5.00; large specimen plants \$1.00, \$2.00 and \$3.00 each.

Dorothy Perkins. The best pink climbing rose we know of, very robust, attaining a height of 15 feet in a season. Its foliage is smaller than that of the Crimson Rambler, but is much more attractive on account of its glossy surface. It also retains the foliage better after the flowering season; the branches are more slender and far more numerous and cover a trellis or wood work more densely. The flower, which is very double and is borne in immense clusters, is of the most delicate pink and has the splendid quality of retaining its color till it drops. It is a clean grower, not being susceptible to mildew or other diseases. Exceptionally fine plants. 50c. each, doz. \$5.00.

Lady Gay. In appearance similar to D. Perkins, but the flowers when in bud are of a true pink, while when open they fade to almost white, this is not an undesirable feature, but rather an attraction; grows very rapidly. 50c. each, doz. \$5.00.

Yellow Rambler. Of slender growth and fine foliage, it produces medium-sized clusters of double, canary yellow flowers. 50c. each, doz. \$5.00.

Marechal Neil. An old-fashioned rose, which in the northern latitude of the United States is not hardy. The flower is enormously large, of excellent form, of primrose yellow and of a most delicious fragrance; a single crop of flowers will repay its cost, by reason of its living but one season. Strong plants 75c. each, doz. \$7.50.

Baltimore Belle. The rose of our grandmother's time. The large double flowers are borne singly and are of a delicate blush pink color; very effective during the blooming season. 50c. each, doz. \$5.00.

Yellow Persian. A favorite of the old-fashioned garden. The plants should not be used for covering trellis, but more as a pillar rose. The flowers are single, of a deep golden yellow, produced in great profusion all along the stem. 50c. each, doz. \$5.00.

NOTE.—Be sure and order Christine Wright and Climbing American Beauty to have in your garden, two of the finest roses grown.

NEWER VARIETIES

American Pillar. A strikingly beautiful variety; the foliage is most distinct, being a rich deep green and large in size, retaining its lustre till winter approaches. The single flower, which is immense in size, is of a delicate pink. The yellow centre makes such a splendid contrast so that this feature is the charm of the flower. When the plant is in bloom the foliage is entirely hidden. 50c. each, doz. \$5.00.

Tausendschön. An excellent rose for a pillar or post, its foliage is very clean and healthy. Its main charm lies in its beautifully formed clusters of from 6 to 10 flowers, which open one bud at a time. As a bud it is a deep pink, just as it opens it turns lighter, and when fully opened it is almost white. With a succession of buds opening, one finds these three shades in the cluster at one time. 50c. each, doz. \$5.00.

Hiawatha. Ideal for trellis, pergolas or fences on account of its rapid growth. When in bloom nothing can approach it for effect, although the flowers are of single form, the effect is not less rich, because the clusters are so enormous, that from a distance they are judged as double. The color is ruby red with a bright whitish centre. 50c. each, doz. \$5.00.

White Dorothy Perkins. In habit of growth it is exactly like the pink of the same name, the flowers though are pure white. 50c. each, doz. \$5.00.

Veilchenblau (The Blue Rose). A sensational novelty, the flower which in bud is a violet blue which changes to steel blue. It must not be understood that the blue in any of the flowering stages is true blue, as it has a tendency to show crimson. 50c. each, doz. \$5.00.

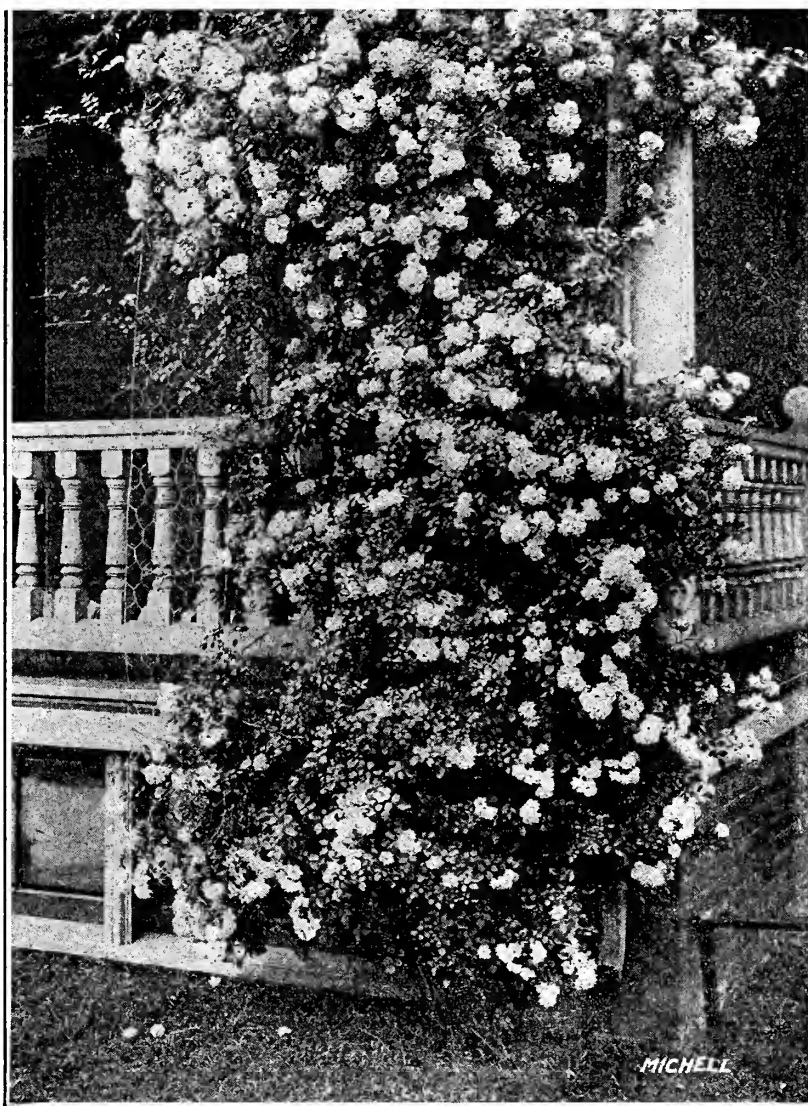
Ard's Rover. Only of medium tall growth with very robust foliage with very double flowers that are produced in individual specimens; the color is a deep rich maroon; very free. 50c. each, doz. \$5.00.

Dr. Van Fleet. The flowers are very large and double and when fully open measure often 4 inches across; though produced on a climbing plant, they are splendid for cutting, as they are produced on single stems often 12 to 18 inches long. A very healthy grower. 50c. each, doz. \$5.00.

Flower of Fairfield. A crimson Rambler of everblooming nature. Its main crop of flowers appears in June and an individual spray is produced from time to time till fall. 50c. each, doz. \$5.00.

Climbing American Beauty. Flowers are very full, double, often 5 inches across and of a rosy crimson; a splendid pillar rose. Each \$1.00.

Christine Wright. An everblooming, climbing rose with large double pink flowers; come singly and in clusters; flowers continuously from June till frost. Each \$1.00.



Dorothy Perkins Rose

HARDY CLIMBING PLANTS FOR TRELLISES, PORCHES, ARBORS, Etc.

Climbing vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. They mature quickly and tone down the stiff, bold angles of new buildings, and give shade and flowers over the porches and trellises. They are cheerful and cooling in climbing over bowers and summer-houses, and wild and natural in running over trees and stumps. Vines are strong, robust growers that require little attention other than to occasionally train them.

All plants under this heading are furnished by us growing in pots, and may be transplanted at any time of the year with absolute success.

AKEBIA QUINATA

Quick-growing vine; small, fine-lobed, half-evergreen leaves and fragrant, purplish brown or chocolate-colored flowers. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100.

AMPELOPSIS QUINQUEFOLIA

(Virginia Creeper)

The large, handsome leaves are deeply cut into five lobes, hence the name "Five Finger" is often given to it. In the autumn, the foliage turns a beautiful rich crimson. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100.

AMPELOPSIS VEITCHI

(Boston Ivy)

Our popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green, which in the autumn turn to a coppery red. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100.

ARISTOLOCHIA SIPHO

(Dutchman's Pipe)

Handsome light green leaves, give a quick dense shade. The brown flowers are shaped like the bowl of a pipe. *Large plants* 50c. each, per doz. \$5.00.

BIGNONIA (Trumpet Vine)

These are strong-growing vines, with rich green foliage and large trumpet-shaped flowers.

Grandiflora. Large flowering bright orange red. *Extra strong plants* 50c. each, per doz. \$5.00.

CLIMBING ROSES

On page 139 we offer a select list of climbing roses.

ENGLISH IVY

This is an invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 25c. each, per doz. \$2.50, \$15.00 per 100. *Extra strong large plants* 50c. each, per doz. \$5.50, \$37.50 per 100.

HONEYSUCKLE

Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant; blooms the entire season.

Halliana (Hall's Honeysuckle). Flowers pure white, turning to yellow; fragrant, hardy evergreen; flowers from June until frost.

Heckrothi. Deep red flowers with yellow throat; in bloom continuously, a beautiful contrast to the ordinary sorts.

Variegated (Aurea reticulata). Foliage beautifully mottled yellow and green; flowers white and yellow.

Price any of the above strong plants 25c. each, per doz. \$2.50, \$18.00 per 100. *Extra strong large plants* 50c. each, per doz. \$5.50, \$37.50 per 100.

KUDZU VINE (Pueraria Thunbergiana)

Attains, after once being established, a height of fifty feet in one season. Its foliage is large, and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25c. each, per doz. \$2.50, \$18.00 per 100.



Clematis Paniculata on a Porch

CLEMATIS

These flower profusely, and are in demand for covering porches, trellises and arbors, and to climb over posts and fences.

SMALL FLOWERING SORTS

Clematis Paniculata. A strong, luxuriant grower, with light green foliage. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. *Extra strong plants* 25c. each, per doz. \$2.50, \$15.00 per 100. *Three year old extra strong plants* 50c. each, per doz. \$5.00, \$35.00 per 100.

Flamula. White flowers, very fragrant, blooms June and July. *Extra strong plants*, 50c. each, per doz. \$5.00, \$35.00 per 100.

LARGE FLOWERING CLEMATIS

Henryi. Creamy white, large.

Duchess of Edinburgh. Double pure white.

Jackmani. The popular rich purple variety.

M. Koster. Bright rosy carmine; free flowering.

Price, extra strong plants of Large Flowering Clematis, 50c. each, per doz. \$5.00.

We can also supply all other varieties of Clematis.

WISTARIA

Chinensis. (Chinese Wistaria.) The common variety, which flowers so profusely in May. Flowers pale blue; fragrant; grows anywhere. Strong plants 50c. each, per doz. \$5.50. *Extra strong plants* \$1.00 each, per doz. \$11.00.

Chinensis Alba. A beautiful white-flowering form. Strong plants 50c. each, per doz., \$5.50.

We can also supply all other Vines not catalogued here.

Plants can be shipped via express or freight only. No Plants sent C. O. D.

MICHELL'S HEDGE PLANTS

Our stock of these is grown at MICHELL'S
"EVERGREEN" SEED GARDENS, Torresdale, Pa.

CALIFORNIA PRIVET

Large Stock, Strong Plants

Exceedingly beautiful; very vigorous and hardy; leaves deep green, bright and very glossy. Especially adapted for hedges at the seashore; easily transplanted. The hedge for which Philadelphia and its suburban estates and homes is famous. The plants we supply have been grown in our own plant establishment and only selected stock is sent out. You may have an estate composed of acres or a home in the suburbs with limited grounds and even only a dwelling with a small front lawn, none of them, however, can be called complete unless the outlines are clearly drawn with that most beautiful hedge plant, California Privet. It is unlike a fence which needs painting, repairing, etc., and then never looks well. This hedge is no further expense when planted and it adds dignity and charm to any home, and increases the value of real estate. Being absolutely hardy, it increases in its beauty with each successive year, and the possibilities are amply displayed at some of the model suburban home grounds in and around Philadelphia. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. To establish a good hedge, the proper foundation is necessary. The trench should be

thoroughly manured, and receive in addition a liberal application of Michell's Pure Bone Meal and both worked in with a spade. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other, this practically places them 6 inches apart, which is desirable to get a quick dense growth. Plant from October 1st to November 15th and from March 15th to May 15th. Ask for our special free circular on California Privet. Transplanted plants are furnished with an abundance of fine fibrous roots, are well branched and are sure to give satisfaction.

California Privet with Catalpa Trees in the rear

PRICES OF CALIFORNIA PRIVET

	Doz.	100	1000
1-year-old, 18 to 24 inches high	\$0.60	\$3.00	\$25.00
2-year-old, 24 to 30 inches high .....	.75	4.50	40.00
2-year-old, 30 to 36 inches high	1.00	5.50	45.00
Specimens in bush form, 3 to 4 feet high, 50c. each; per doz. \$5.00.			

STANDARD OR TREE PRIVET. 4 feet high, 12 inches diameter; \$1.00 each; per doz., \$10.00.

GOLDEN or VARIEGATED LEAVED PRIVET

In form and habit, like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. It is quite new and the stock is limited, when available it will become very popular, we recommend it especially for placing among shrubbery or for planting on the lawn, the contrast between the green grass and the golden foliage is beautiful.

Strong Specimen Plants, 24 inches high, \$1.00 each, per doz. \$10.00.

BERBERIS THUNBERGII (Japanese Barberry)

A good, hardy plant of low, dense growth. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls, a profusion of scarlet berries are revealed upon the branches and remain throughout the winter.

	Doz.	100	1000
1 to 1½ feet, plant 8 to 10 inches apart..	\$2.25	\$15.00	\$120.00
1½ to 2 feet, plant 10 to 12 inches apart..	2.75	18.00	150.00
2 to 2½ feet, plant 12 inches apart.....	4.00	27.50	200.00

ALTHEAS (Rose of Sharon)

These make very desirable flowering hedges. They are robust growers and bloom abundantly at the close of July and last for four or five weeks.

	Each	Doz.	100
2 to 3 feet	\$0.25	\$2.50	\$15.00
3 to 4 feet .....	.40	3.50	20.00
4 to 5 feet .....	.50	4.50	30.00

ROSA RUGOSA (Japanese Rose)

A most attractive hedge plant, which is rather too little known. Its luxuriant foliage, dense compact growth, rapid development, and flowering feature places it in a class of its own. The flowers appear in clusters, are very large, often 4 inches in diameter, single semi-double and double; in red, white and pink shades, and some of them may be seen on the plants during the entire summer and fall; during the winter they are decorated with large bright scarlet seed pods. The wood is rather thorny, proving an excellent barrier to animals. It can be pruned in the winter, thus kept to any desired height. Our plants are Northern grown and will prove hardy; in separate colors as noted above. 35c. each, doz. \$3.50, \$20.00 per 100.

We also furnish all other Varieties of Hedge Plants.

TENDER ANNUAL VINES For Hardy Sorts, see page 140

These must be planted each year anew. Their rapid growth and full development during a comparative short period recommends them highly where yearly changes are desired. All plants furnished are from pots, extra strong and packed to arrive safely.

COBEA SCANDENS

A beautiful blue, cup-shaped flowering, annual climber, very desirable for lattice covering, etc. Strong plants 20c. each, per doz. \$2.25.

CINNAMON VINE (Hardy)

A very free growing climber, with small white flowers deliciously scented; makes a quick dense shade. Extra strong roots 10c. each, per doz. \$1.00, \$7.00 per 100. Strong roots 5c. each, per doz. 50c., \$3.00 per 100.

HOP VINE (Hardy)

Japanese. A useful climber. A rapid grower, and bears a profusion of seed-pods suitable for many domestic purposes. Strong roots 5c. each, per doz. 50c., \$4.00 per 100.

MADEIRA OR MEXICAN VINE

The tubers if planted deep and protected during the winter are hardy. The leaf is very deep green, and grows very dense; the flower is very small, white in color. Strong roots 5c. each, per doz. 40c., \$3.00 per 100.

MOON VINES

These very rapid growing vines should be planted wherever a dense quick shade is desired.

Noctiflora. A pure white variety blooming in the evening, the flowers are very large, not hardy. Large plants 20c. each, per doz. \$2.25, \$17.00 per 100.

PASSION VINES

These are very attractive, both flower and foliage not suitable for shading, nor are they hardy. The color of the flower runs in various shades of pink and blue. 15c. each, per doz. \$1.50.

EVERGREENS



Norway Spruce

The planting of Evergreens is now practiced very extensively and wisely. Few things in the plant or tree line give so much satisfaction; they are easily handled and seldom die. Special care should be taken in planting, never to allow the roots to be exposed prior to being put in the ground, and when planting, pour plenty of water in the hole.

SPRUCE (*Picea*)

Hemlock Spruce (*P. canadensis*). It is a rapid grower, very hardy. If trimmed it becomes dense and bushy, making beautiful hedges. For tall screens, massing, or as individual trees upon large or small grounds, their grace and beauty is unsurpassed. 12 to 18 inches, 50c.; 2 to 3 feet, \$1.25; 3 to 4 feet, \$2.50.

Douglas' Spruce (*P. Douglasi*). Large, conical form, smooth bark, branches numerous, irregularly placed along the stem, spreading, horizontal, sometimes a little ascending. Leaves light green above, glaucous below. 1 to 2 feet, \$1.00; 2 to 3 feet, \$1.50; 4 to 5 feet, \$3.50.

Colorado Spruce (*P. Engelmanni*). A pretty bluish green Spruce, with horizontal branches and of compact growth. It closely resembles the Blue Spruce. It is especially hardy and attractive on lawns. 1 foot, \$1.25; 2 feet, \$2.50; 3 feet, \$3.50.

Norway Spruce (*P. excelsa*). This, our common Spruce, embraces more desirable features than any of the others; does well in most soils, and withstands the bleak, cold winds of winter. It is highly valued for shelters, windbreaks or hedges. If left untrimmed they spread out magnificently over the lawn, and make desirable specimens. If pruned, they become stately trees of symmetrical form. 2 to 2½ feet, 75c.; 2½ to 3 feet, \$1.00; 4 to 5 feet, \$2.50.

Koster's Blue Spruce (*P. Kosteriana*). A deep, rich blue. One of the finest ornamental evergreens ever introduced, and a specimen or two (of the kind of trees we furnish), on the lawn, adds a dignity and beauty hard to describe. 1 to 1½ feet, \$2.00; 1½ to 2 feet, \$3.00; 2 to 3 feet, \$6.00; 4 to 5 feet, \$12.00.

Oriental Spruce (*P. orientalis*). Slow growth, but tall, compact, straight and spiral, with deep shadows; dark, small, shining green foliage. Very hardy. One of the finest of all evergreens. 12 to 18 inches, \$1.25; 2 to 3 feet, \$2.25.

We can also supply all other varieties of Spruce.

FIRS (*Abies*)

Silver Fir of Colorado (*A. concolor*). Tree of graceful habit; broad, handsome foliage, bluish above, silvery beneath. A grand tree, very distinct and exceedingly rare. 1 to 2 feet, \$2.00; 2 to 3 feet, \$3.00; 3 to 4 feet, \$6.00.

Western Balsam Fir (*A. lasiocarpa*). In general appearance resembles the Concolor. The foliage varies in color from a glaucous-blue to a very light green. It is a very graceful tree, retaining its lower limbs as it grows older. 2½ to 3 feet, \$3.50; 4 to 5 feet specimens, \$6.00.

We can also supply all other varieties of Firs.

PINES (*Pinus*)

White Pine (*P. Strobus*). Develops into a tall, noble tree whose ruggedness in old age is picturesque and grand. The needles are soft and silvery green; makes fine backgrounds and shelter-belts, and is valuable in any planting. 1 to 2 feet, 60c.; 2 to 3 feet, \$1.25; 3 to 4 feet, \$1.75.

Austrian Pine (*Pinus austriaca*). A tall, massive tree, with spreading branches, heavily plumed with long, stiff, dark green needles. 2 to 3 feet, \$1.50; 3 to 4 feet, \$3.00; 5 to 6 feet, \$6.00.

We can also supply all other varieties of Pines.

JAPAN CYPRESS (*Retinospora*)

R. pisifera aurea. Growth very wavy; vigorous habit; foliage rich golden and permanent. 1 to 2 feet, \$1.25; 2 to 3 feet, \$2.25; 3 to 4 feet, \$3.00.

Plume-like Retinospora (*R. plumosa*). Light, feathery green foliage. It stands shearing well, and becomes compact and dense. Useful in groups, beds, vases, and window boxes. 12 to 18 inches, 85c.; 2 to 3 feet, \$1.75.

R. Plumosa aurea. The soft plume-like golden foliage is particularly bright in spring. When pruned it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrast. It is well adapted for small lawns, and equally appropriate for larger areas. For window-boxes, vases, and formal gardening its value is realized. 12 to 18 inches, \$1.00; 2 to 3 feet, \$2.00; 3 to 4 feet, \$4.00; 4 to 5 feet, \$5.00.

We can also supply other varieties of Cypress, also Yews, Cedars, Junipers, etc.

ARBOR VITAE
(*Thuja*)

American Arbor-vitae (*Thuja occidentalis*). Popular for ornamental hedges, rapid grower, conical form. 2 to 3 ft., 75c.; 3 to 4 ft., \$1.25; 5 to 6 ft., \$2.25.

Peabody's Arbor-vitae (*T. o. var. aurca*). Color effect a clear, shining golden yellow that contrasts finely with darker evergreens. Of pyramidal habit, grows rapidly; has the brightest and most permanent color of all. One of the handsomest of the golden tinted conifers. 1½ to 2 feet, \$1.75; 3 to 4 feet, \$3.50.

Compact Arbor-vitae (*T. o. compacta*). Dwarf, dense little evergreen, having light green foliage and neat attractive habit. For beds, borders, cemeteries, or house decoration it is highly popular. 12 to 18 inches, \$1.00 each.

We can also supply all other varieties of Arborvitae.

Yellow Arbor Vitae (*Thuja Occidentalis Aurea*)

ORNAMENTAL AND SHADE TREES

We are in a position to furnish exceptionally good value in this line and will be glad to quote on anything that may not be offered here.



CATALPA

Catalpa bignonioides nana Bungei. A highly ornamental tree, forming a perfect half-globular or umbrella head, clothed with a mass of large heart-shaped leaves of a deep green color, which overlap each other. A striking and very ornamental tree upon the lawn. 5 to 6 feet, one year heads, \$1.25; 5 to 6 feet, 2 year heads, \$2.25; 6 to 8 feet specimens, 3 to 5 year heads, \$6.00 to \$9.00 each.

HORSE CHESTNUT (Aesculus)

Aesculus hippocastanum. As an ornamental shade tree, the horse chestnut is highly recommended. The flowers are large, white, spotted with purple, and produced in large, compact spikes, making a showy appearance. 6 to 8 feet, \$1.25; 8 to 10 feet, \$1.75; 10 to 12 feet, \$2.50.

BIRCH (Betula)

Purple-leaved Birch (B. populifolia purpurea). Foliage dark, resembling that of the purple beech; forms striking contrast with other trees. 4 to 5 feet, \$1.00; 6 to 8 feet, \$1.75.

We can also supply all other varieties of Birch.

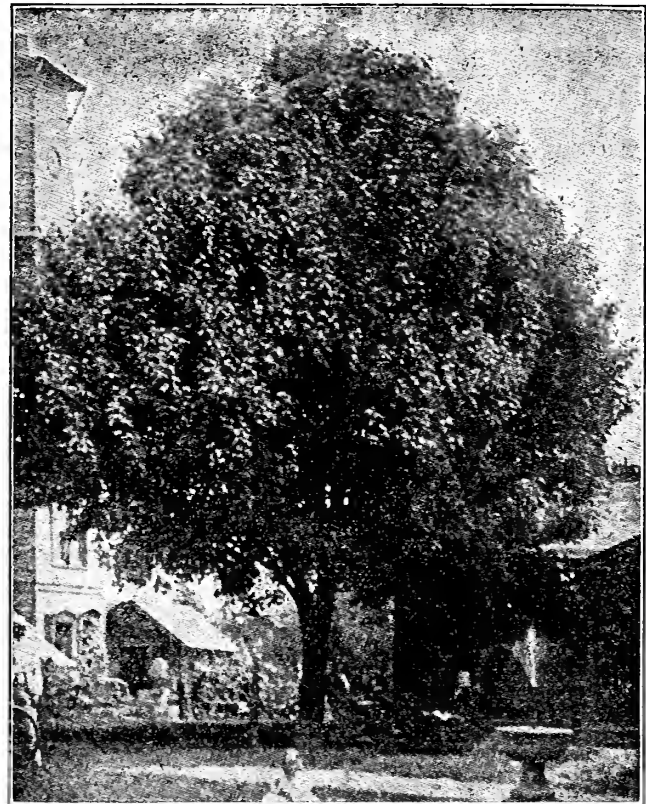
JUDAS TREE (Cercis)

Red Bud, or Judas Tree (Cercis canadensis). The tree derives the name of Red Bud from the profusion of delicate reddish-purple flowers with which it is covered before the foliage appears. They deserve to be classed among our finest ornamental trees. 3 to 4 feet, 75c.; 4 to 6 feet, \$2.00.

DOGWOOD (Cornus)

Red-flowered Dogwood (Cornus florida rubra). The flowers, which appear early in May before the leaves, are of a deep rosy-pink color; producing a perfect drift of bloom. An upright grower, with roundish head, foliage large, velvety, dark green in summer and brilliant crimson in fall. 2 to 3 feet, \$1.25; 3 to 4 feet, \$1.75.

White-flowered Dogwood (C. florida). Similar to the red flowering in habit of growth, though attaining larger proportions. 3 to 4 feet, 75c.; 4 to 5 feet, \$1.00; 5 to 6 feet, \$1.75.



Norway Maple. (*Acer Platanoides*)

MAPLES (*Acer Platanoides*)

Silver Maple (*Acer dasycarpum*). A tree of very rapid growth and spreading habit; extensively planted for ornament and shade. 8 to 10 feet, \$1.00; 10 to 12 feet, \$1.25.

Japanese Maple (*A. palmatum atropurpureum*). The hardiest of the colored-leaved forms, and is more largely planted, the blood-red foliage making it a strikingly handsome and conspicuous tree. Trees are dwarf in habit, seldom attaining a height of more than a few feet. 2 feet, \$1.25.

Norway Maple (*A. platanoides*). One of the finest park, street, shade or lawn trees; vigorous growth, with large, handsome, broad leaves of deep, rich green which remain on the trees until late in the season. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75.

Sugar, or Rock Maple (*A. saccharum*). Resembling in general appearance the Norway Maple, though more pyramidal in form, and a more rapid grower. The autumn effect of the foliage is particularly handsome. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75; 12 to 14 feet, \$2.50.

Sycamore Maple (*A. pseudo-platanus*). Desirable for shade and ornamental purposes, with spacious head and large, dark green leaves. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75.

PLANE TREE

Oriental Plane. Buttonwood (*Platanus orientalis*). A favorite tree for avenue planting, of large spreading habit and rapid growth, attaining a height of fifty to seventy feet, and not affected by insects. 8 to 10 feet, \$1.25; 10 to 12 feet, \$1.75; 12 to 14 feet, \$2.50.

POPLAR TREE

Lombardy Poplar (*P. nigra fastigiata var. italica*). Its tall form, sometimes reaching 120 feet, makes it indispensable in landscape effects for breaking monotony of outline. Its growth is very rapid. 8 to 10 feet, \$1.00; 10 to 12 feet, \$1.25.

LINDEN TREE

European Linden (*Tilia europaea*). Leaves smaller and darker than those of the American Linden, in great profusion, forming a dense shade. One of the most ornamental of trees, growing in almost any soil, and adapted to lawn or avenue. 8 to 10 feet, \$1.50; 10 to 12 feet, \$1.75.

WILLOW TREE

Weeping Willow (*Salix babylonica*). The long, pendulous branches droop and sway gracefully to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places. 8 to 10 feet, \$1.25 each.

We can also supply all other Trees, such as Ash, Tulip, Beech, Elms, etc.

HARDY DECIDUOUS SHRUBS

Shrubby plantings when properly selected as to variety will yield bloom during the entire summer, even the foliage makes a fine contrast to any blooming perennial bed to which they can furnish a background.

AZALEA

Amoena. Dwarf bushy shrub; covered in spring with masses of purplish-red double flowers. One of the choicest evergreen shrubs. 75c. each, per doz. \$7.50.

A. Ghent Varieties. Pretty shrubs; nearly every shade of color. 75c. each, per doz. \$7.50.

A. Mollis. This is a species from China. One of the most attractive flowering shrubs introduced from that country. It is of dwarf bush-like habit, with light green leaves. The flowers are as large as the Azaleas, usually seen in greenhouses. There are but two colors of it, yellow and red, and they bloom about the middle of May. We know of no other flowering shrub to equal them in attractiveness, and when massed in a large bed they create a particularly beautiful spot on the lawn. 75c. each, per doz. \$7.50.

BERBERIS (Barberry)

B. Thunbergi. Beautiful for bordering groups of larger shrubs, forming low hedges, planting around house foundations, etc. In late autumn, when most other shrubs are bare, the small, oval leaves of this broad, picturesque little bush color up to vivid crimson, and until mid-winter it is bright and handsome with scarlet berries. 1½ to 2 feet, 25c. each; per doz. \$2.50, \$15.00 per 100.

CALYCANTHUS (Sweet Shrub)

Floridus. The oddly formed, chocolate colored double flowers have a peculiar agreeable odor. They are borne in the axils of the leaves all along the branches in June. A common shrub in old gardens. 2 to 3 feet, 35c. each; per doz. \$3.50.



Deutzia Crenata

DEUTZIA

Double White-flowering Deutzia (*D. candidissima flore pleno*). Abundant racemes of flowers in June, luxuriant foliage and fine habit. 2 to 3 feet, 35c. each; per doz., \$3.50.

Double-flowered Deutzia (*D. crenata var. flore pleno*). Flowers double white, tinged with rose. One of the most desirable flowering shrubs in cultivation. 2 to 3 feet, 25c. each, per doz. \$2.50; 3 to 4 feet, 35c. each, per doz. \$3.50.

D. Gracilis. Of a quite dwarf, bushy habit. The racemes of white flowers, which come in May, completely cover the plant. Largely used for forcing in greenhouses, blooming then about Easter. 1 to 2 feet, 35c. each; per doz., \$3.50.

CYTISUS (Golden Chain)

Laburnum. A dwarf tree or large shrub with shining green leaves and racemes of yellow flowers, which appear in early summer. 2 to 3 feet, 35c. each; per doz., \$3.50.

CLETHRA (Sweet Pepper Bush)

Alnifolia. A native shrub of low and dense growth; leaves abundant and light green; has numerous spikes of small white fragrant flowers in July. 1 to 2 feet, 35c. each; per doz., \$3.50.

EXOCHORDA (Pearl Bush)

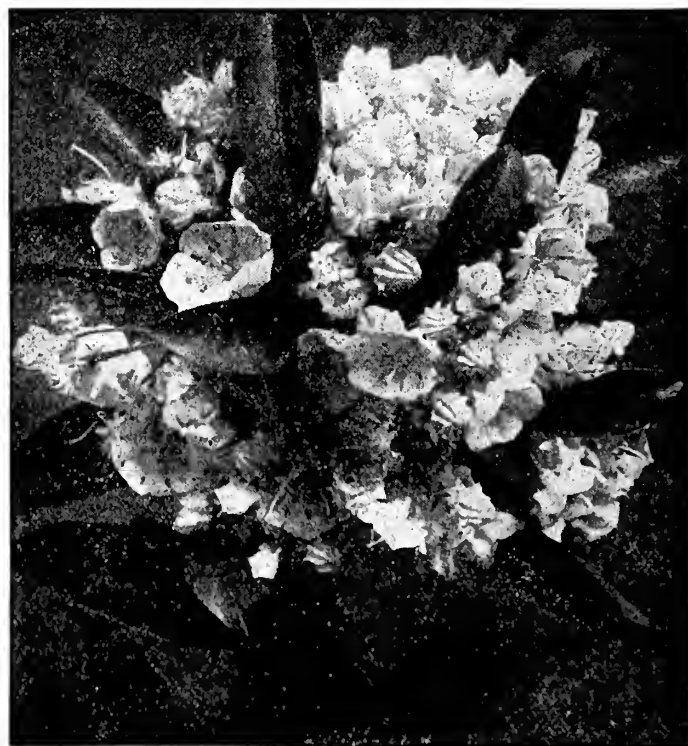
Grandiflora. A hardy flowering shrub, native of the mountainous districts of China and Japan. A profuse bloomer in the early summer. Flowers star shaped, pure white. 2 to 3 feet, 25c. each, per doz. \$2.50; 3 to 4 feet, 35c. each, per doz. \$3.50.

FORSYTHIA (Golden Bell)

The yellow flowers are produced very early in spring before the leaves appear, making it a very attractive species where early bloom is desired; worthy of extensive planting. 2 to 3 feet, 35c. each, per doz. \$3.50; 3 to 4 feet, 50c. each, per doz. \$5.00.

HYPERICUM (St. John's Wort)

Densiflorum. Bearing in great profusion throughout the summer, golden yellow flowers an inch in diameter. Few other shrubs flower so profusely. 2 to 3 feet, 35c. each; per doz., \$3.75.



Flower and Leaf of Kalmia Latifolia, or Mountain Laurel.
A Grand Plant

KALMIA (Mountain Laurel)

Latifolia. An evergreen of strong growth and large leaves, rivaling the rhododendron in beauty. Flower buds of a delicate pink, changing to white as they expand. An abundant bloomer in June. Grows best in woodland or under a border of trees. 75c., \$1.25 and \$2.50 each.

KERRIA (Globe Flower)

Double-flowered Corchorus (*K. var. flore pleno*). Of medium size; double yellow flowers. 35c. each, per doz. \$3.50.

Japan Corchorus (*K. japonica*). A slender, green-branched shrub, 5 or 6 feet high, with globular, yellow flowers from July to October. 35c. each, per doz. \$3.50.

PHILADELPHUS (Mock Orange)

Coronarius. A valuable, hardy shrub, with handsome foliage and beautiful white flowers, some varieties of which are quite fragrant. 3 to 4 feet, 35c. each; per doz., \$3.50.

**RHODODENDRONS**

Of all decorative hardy plants the most valuable. They require simply good garden soil, which should be dug 30 to 36 inches deep and mixed with peat. Protect with leaves or brush during winter. 15 to 18 inches, \$1.25 each, per doz. \$12.50; 18 to 24 inches, \$1.75 each, per doz. \$17.50; 24 to 36 inches, \$2.50 each, per doz. \$27.00.

We can also furnish larger specimens.



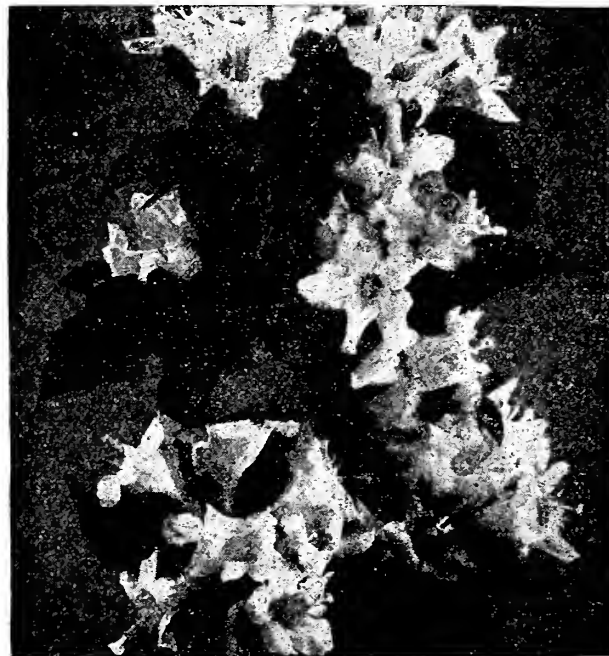
Spiraea Van Houttei. A most graceful and beautiful shrub with a wealth of lovely flowers in May

SPIRAEA

Anthony Waterer. A new hardy variety from England. It is of dwarf, dense habit, bearing a profusion of peculiar crimson flowers, blooming the entire summer. 2 to 3 feet, 35c. each; per doz., \$3.75.

S. Van Houttei. This handsome species is perhaps the most popular and desirable of all Spiraeas. Flowers pure white, produced in great abundance and exceedingly beautiful. The plant is a very strong, robust grower. 3 to 4 feet, 50c. each; per doz., \$4.00.

Bridal Wreath (S. prunifolia). The pretty double white flowers are in bunches of twos and threes all along the almost leafless stems. They usually expand about May 1st, just as the leaves are budding. 3 to 4 feet, 50c. each; per doz., \$4.00.



Diervilla, or Weigelia

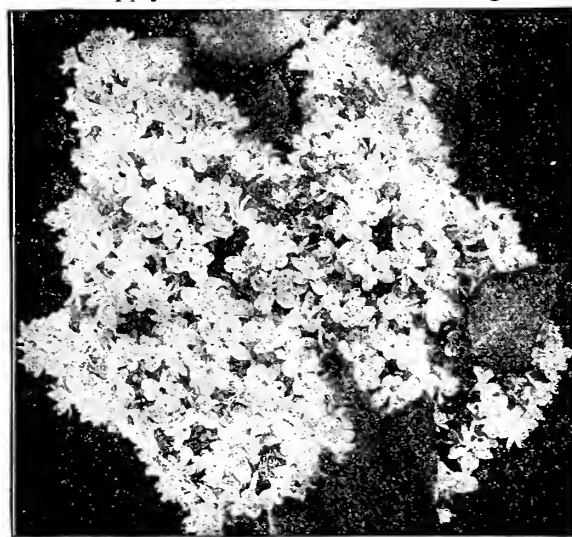
WEIGELIAS

W. Eva Rathke. A popular new kind of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts. 2 to 3 feet, 35c. each; per doz., \$3.50.

Rose-colored (W. rosea). An elegant shrub, with fine rose-colored flowers, introduced from China by a Mr. Fortune, and considered one of the finest plants he has discovered. Blossoms in May. 3 to 4 feet, 35c. each; per doz., \$3.50.

W. sessifolia syn. lutea. July. A Native shrub of strong growth, and terminal clusters of yellow flowers; very hardy. Desirable in shrubberies on account of its attractive foliage, which turns a reddish brown. 3 to 4 feet, 60c. each; per doz., \$5.00.

We can also supply all other varieties of Weigelias.



Syringa, (Lilac)

LILAC (Syringa)

Persian Lilac (S. persica). Purple. A profuse and early blooming sort, bearing light purple flowers. Very valuable. 3 to 4 feet, 50c. each; per doz., \$5.00.

White Persian Lilac (S. persica alba). Same habit and form as the preceding, but almost white flowers. 2 to 3 feet, 50c. each; per doz., \$5.00.

Common Lilac (S. vulgaris). The commonest purple species, and one of the best. A good grower. Flowers and young leaves fragrant. 2 to 3 feet, 50c. each; per doz., \$5.00.

We can also supply all other varieties of Lilacs.

SPECIAL COLLECTION OF FLOWERING SHRUBS

For those who are uncertain as to the proper selection of desirable shrubs, we offer

COLLECTION No. 1. Six flowering shrubs, six choice sorts, total \$1.75
COLLECTION No. 2. Twelve " " " " " " \$3.25

Shrubs can be shipped via express or freight only. No Plants sent C. O. D.

(he)

DECORATIVE AND FLOWERING SHRUBS

BOXWOOD

Dwarf. One of the neatest edging plants for walks, borders, flowerbeds, etc.; remains green all winter; 6 inches high. 15c. each, doz. \$1.50, \$10.00 per 100, 1000 \$75.00.

BUDDLEYA

Variabilis Magnifica. A very desirable shrub, being one of the few that flowers continuously all season; has a decided fragrance, being rather unique, as it combines that of the lilac with that of the heliotrope. The flower racemes are composed of many little blossoms in the shape and color of lilacs. Strong plants, which will flower the first year, 50c. each, \$5.00 per doz.

ELEAGNUS (Japanese Oleaster)

Longipes. A desirable nearly evergreen shrub of medium height, with light foliage, which is silvered on the under surface. The orange-colored fruit is very attractive during late summer. Each 35c.

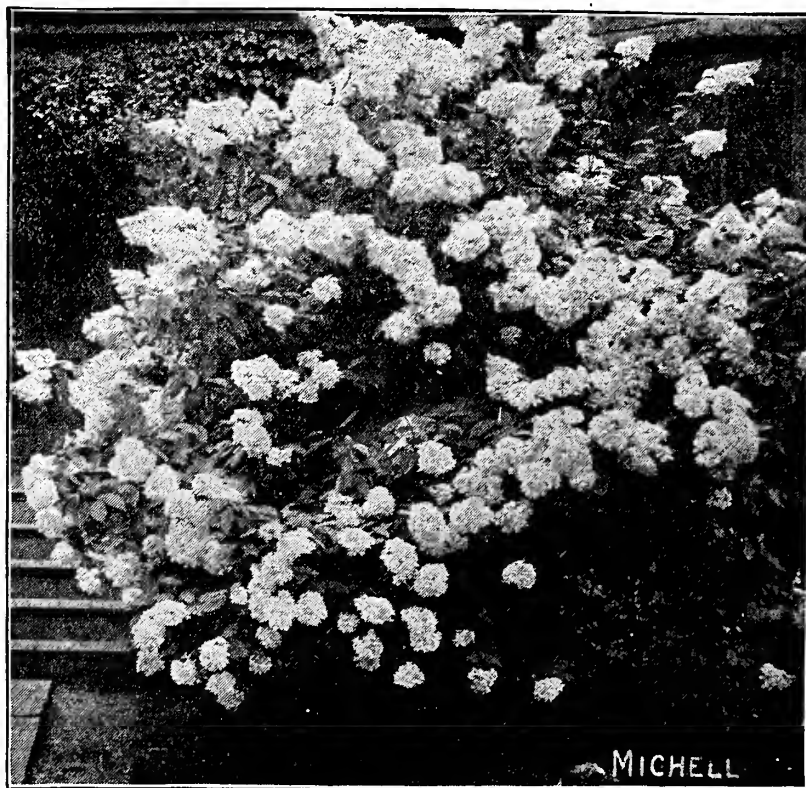
EUONYMUS (Burning Bush)

Europeus. A conspicuous tall shrub, which in the autumn is loaded with scarlet seed-pods, from which orange-colored berries hang in slender threads. Each 35c.

HYDRANGEAS

Arborescens Grandiflora Alba (*Snowball Hydrangea*). The snow-white blooms are of the largest size. The habit of the plant is excellent, the foliage lacking entirely the coarseness of *Hydrangea Paniculata Grandiflora*. One of the most valuable characteristics is its coming into bloom just after the passing of all the early spring Shrubs, flowering from early June until late August. 50c. each, \$5.00 per doz.

Paniculata Grandiflora. The large panicles of white flowers are at their best during August, later they take on a reddish cast, which makes them very useful for dry flowers. These plants look fine used as single specimens on the lawn; absolutely hardy without any care or protection. **Strong plants,** 35c. each, per doz. \$3.50. **Extra Strong Stock,** 75c. each, per doz. \$8.00.



Hydrangea Paniculata Grandiflora

Otaksa. A beautiful pink Japanese variety producing immense heads of flowers; very fine for bedding, lasting well into summer. Fine for planting in borders or amongst shrubbery on the lawn.

Empress Eugenie. Same form as above. Of a purplish blue, very striking.

The last two sorts should be somewhat protected during the winter with straw or other suitable litter, as they are not entirely hardy.

Price, either of the above 2 sorts, strong plants, 50c. each; per doz. \$5.00, \$35.00 per 100.

P.S.—We can also furnish specimen plants of the above in tubs for \$1.25, \$2.50 and \$5.00 each, according to size desired.

MAPLES

Japanese. Finely cut and bright colored foliage makes these plants a showy feature in any garden. As specimen in lawns they are incomparable. We can offer both yellow and purple-leaved. Young plants, 2-year-old, each 35c. Strong plants, 4-year-old, each \$1.50. Specimen plants, 5 feet high, from \$10.00 upwards.

PRUNUS

Pissardi (*Purple-leaved Plum*). A tree-like shrub with dark purple leaves that keep their lustrous colored foliage right up till frost. In bloom it is very decorative, having small pinkish white flowers. Good strong plants, 50c. each, doz. \$5.00.

ROBINIA

Viscosa Rosea (*Pink Laburnum*). Grows in tree form, well branched and attains a height of 15 feet. The blooms which resemble wistarias are of a delightful pink color and appear in July when the tree is a real attraction. Strong plants, 6 feet. Each \$1.50, \$15.00 per doz.

SAMBUCUS

Aurea (*Golden Elder*). Attractive by its golden foliage and desirable to mix with other shrubs to relieve the somberness of green. Strong plants, 50c. each, doz. \$5.00.

SPIREA

Opulifolia Aurea. A large shrub that bears an abundance of fragrant white flowers in clusters during June; the leaves are golden in spring but darken as the season advances. 50c. each, doz. \$5.00.

Paniculata Rosea. A graceful shrub with waving branches decked in June with panicles of pink flowers. Each 50c., \$5.00 doz.

Reevesiana. Beautiful clusters of white florets, which bend the branches gracefully and cover them completely; flowers in May. Each 50c., \$5.00 doz.

SYMPHORICARPUS

Racemosus (*Snowberry*). Small red flowers are succeeded by many white berries, remaining on the plant through half the winter; shrub rather tall and graceful. Strong plants, 50c. each, doz. \$5.00.

VIBURNUM

Plicatum (*Japanese Snowball*). The beautiful Japanese Snowballs are a desirable shrub. They should be in every garden or on the lawn. They are perfectly hardy, blooming in June. **Extra fine plants:** 50c. each, per doz. \$5.00.

Opulus (*High Bush Cranberry*). A bush of spreading habit, bearing flat clusters of single white flowers, which afterwards result in brilliant red berries, which hang to the plant all winter; very decorative. Strong plants, each 50c., \$5.00 per doz.

WEIGELIA

Candida. A shrub of very vigorous growth, attaining a height of 7 to 8 feet when fully grown and specimens often measure 10 feet across. While it does flower abundantly in June and July, additional bloom is shown during the entire autumn months. The tube-shaped flowers are pure white, are a splendid contrast to the rich deep green foliage; very good for cutting. 50c. each, doz. \$5.00.

WATER LILIES, Etc.

These are well known and highly appreciated and as indispensable as hardy perennial and other decorative plants. They furnish a decorative effect as no other plants can. Associated with ornamental subtropical plants they lend a most pleasing and charming effect to the landscape. They are also valuable as cut flowers, especially the tender varieties, both day and night bloomers. The day bloomers furnish superb flowers on long stems in red, white and blue colors. The night blooming varieties possess a charm distinct from all others, the colors varying from pure white to pink with shades of red, carmine and crimson, which are very brilliant under artificial light. They are of simple culture, requiring a moderately rich soil, water and sunshine. The hardy varieties should be planted in May in this latitude, and on until the middle of August. The tender Water Lilies should be planted about the first of June, when warm, settled weather is assured. Keep the pond filled with water to supply loss by evaporation, but springs and running streams must be avoided, as they lower the temperature of the water to a dangerous degree. Varieties marked A are of moderate growth, medium to small sized flowers, suitable for tubs and fountain basins. Varieties marked B are of compact growth, suitable for artificial ponds, pools, etc. Varieties marked C are of a spreading nature, suitable for large ponds and lakes and for naturalizing.

Our stock is grown by one of the foremost aquatic specialists in America.

HARDY NYMPHAEAS

A. N. Aurora. A unique variety, flowers soft rosy-yellow on first day, changing to deep red on the third day; stamens orange; useful for growing in tubs. Each 75c., \$7.50 doz.

B. N. Candidissima. A vigorous and desirable variety. Good-sized flowers, pure white. An early and free bloomer. 50c. each, \$5.00 per doz.

A. N. Laydekeri Lilacea. Flowers 3 to 5 inches across, rosy-lilac, shaded bright carmine, with a tea rose fragrance. \$1.00.

A. N. Laydekeri Purpurata. A free-blooming variety; flowers medium sized, rosy crimson, orange stamens. \$1.00 each.

B. N. Marliacea Chromatella. A free and vigorous grower, flowers 4 to 6 inches across, bright canary yellow, stamens deep yellow, leaves deep green, beautifully blotched with brown. One of the best. 75c. each, \$7.50 per doz.

B. N. Marliacea Rosea. Resembles N. M. Carnea in habit and growth; flowers large, deep rose color, young leaves, purplish red, changing to deep green. One of the very best pink hardy Water Lilies for cutting. \$1.00 each, per doz. \$10.00.

C. N. Odorata. This is the fragrant Pond Lily of the north-eastern United States; flowers white, 3 to 5 inches in diameter, stamens yellow, leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds. 20c. each, \$2.00 per doz.

B. N. Odorata Sulphurea. Flowers fragrant, 4 to 5 inches across; sulphur yellow, standing well above the water. A desirable variety. 50c. each, \$5.00 per doz.

C. N. Tuberosa Maxima. Flowers medium size, cup shaped, pure white with strong fragrance. 20c. each, \$2.00 per doz.

C. N. Tuberosa Rosea. Flowers of an exquisite shade of pink, 4 to 5 inches across, standing well out of the water. Desirable. 50c. each, \$5.00 per doz.

C. N. Tuberosa Richardsoni. Flowers white, 6 to 8 inches across, forming with its numerous petals a perfect globe when fully open. A most beautiful fragrant white Lily. 50c. each, \$5.00 per doz.

B. N. William Doogue. A magnificent Lily. Flowers cup-shaped, 5 to 6 inches across and fragrant; of a beautiful shell-pink color. A continuous bloomer. \$1.00 each, \$10.00 per doz.

TENDER WATER LILIES, Day Blooming

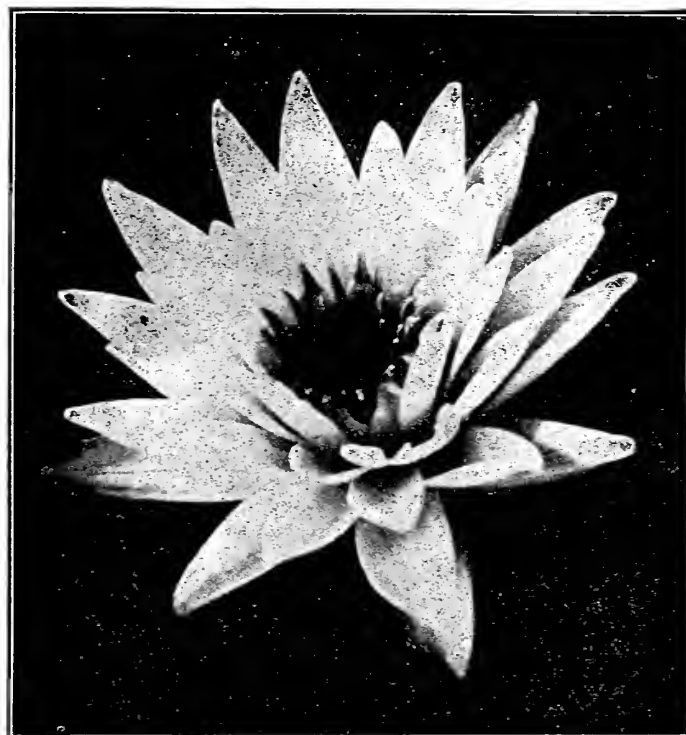
Nymphaea Capensis. Cape Blue Water Lily; flowers rich sky-blue, 6 to 8 inches across; sepals green outside, whitish within, flushed blue. A very desirable species and useful for cutting. 75c. each, \$7.50 per doz.

N. O'Marana. Flowers of the largest size; petals of a reddish pink with nearly white stripes up the centre. A vigorous grower and a free-flowering variety. \$1.50 each.

N. Rubra. Flowers 6 to 8 inches across, of a deep purplish red. A free bloomer and desirable. 75c. each.

N. Zanzibariensis. A superb variety of the deepest purple. Flowers 6 to 8 inches across; very free-flowering, with strong fragrance. Very desirable. \$1.50 each.

N. Zanzibariensis Rosea. Flowers rose, of various shades; otherwise like the preceding. 75c. each.



Hardy Nymphaea

NELUMBIUMS

These are stately plants with bold massive peltate leaves on stout stalks 4 to 5 or more feet high and 2 to 3 feet across. The flowers are also large and magnificently grand in appearance. They are of easy culture; can be grown in a natural or artificial pond, boxes or tubs. They are perfectly hardy, provided the tubers are kept free from frost, but should not be transplanted before the beginning of May.

N. Album Grandiflorum. Flowers pure white, large and very beautiful and fragrant; very choice. \$2.50 each.

N. Luteum (American Lotus). Superb yellow flowers. Dormant tubers, \$1.00 each; pot-grown plants, \$2.00 each.

N. Speciosum (Egyptian Lotus). Exquisite flowers of a beautiful rose color; vigorous and free-flowering. \$1.50 each, pot plants \$2.50 each.

VICTORIA REGIA (Royal Water Lily)

Victoria Lilies require much space to develop their monstrous leaves, which are often 5 feet across, with upturned rims 5 to 7 inches. V. Regia requires a high temperature for development, otherwise the season may close without a flower being seen. V. Trickeri succeeds well under the ordinary treatment for tender Nymphaeas, but should not be planted out, or shipment made before warm, settled weather is assured, usually about June.

Victoria Regia. The well-known species. \$7.50 and \$10.00 each.

Victoria Trickeri. This species is of vigorous and rapid growth and produces its marvelous flowers at an early stage. A single plant often has from 10 to 15 well-developed leaves and frequently two flowers open at the same time. The flowers are white when first open, changing to deep rose the second day and have a strong fragrance not unlike a ripe Pineapple. The flowers open at night, the same as the night-blooming Nymphaeas. Plants \$7.50 and \$10.00 each.

MISCELLANEOUS AQUATICS

Cyperus Alternifolius (Umbrella Palm). A very attractive plant in water, or planted in moist ground. 15c. and 25c. each.

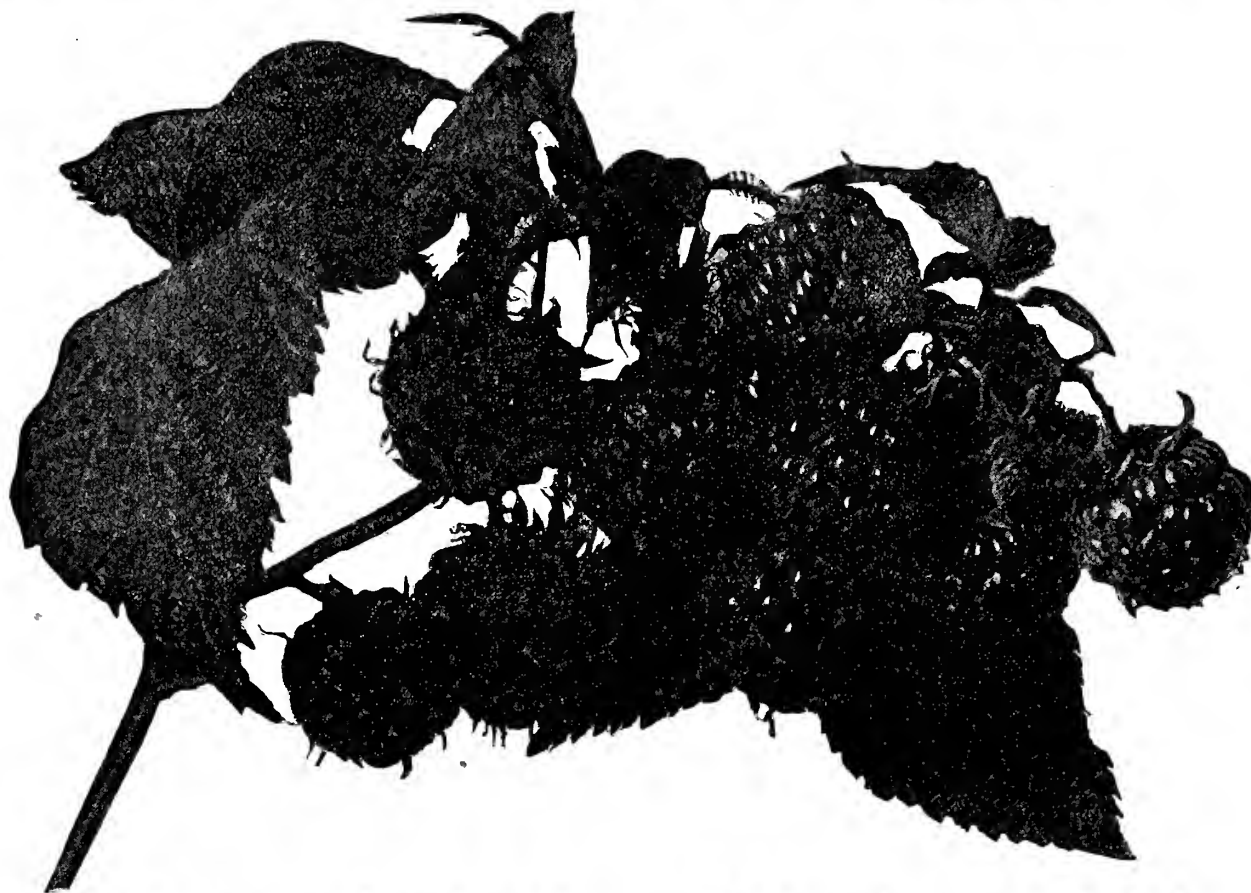
Eichhornia Crassipes Major (Water Hyacinths). An interesting floating plant, with dark, lustrous leaves and delicate rosy-lilac flowers on large spikes. 15c. each, \$1.50 per doz.

Limnanthemum Indicum (Water Snowflake). A pretty Lily-like plant, producing masses of dainty snow-white flowers, beautifully fringed. 25c. each, \$2.50 per doz.

Limncharis Humboldtii (Water Poppy). A very pretty aquatic plant, with floating leaves and large, yellow, Poppy-like flowers; continuous bloomer; desirable for aquariums. 15c. each, \$1.50 per doz.

Myriophyllum Proserpinacoides (Parrot Feather). Very fine fluffy foliage, looks like a mass of green silk, ideal for aquariums. Strong plants 15c. each, \$1.50 per doz.

FRUITS, BERRIES AND NUTS



ST. REGIS EVERBEARING RASPBERRY

Raspberries for four months, that is what you will have when you plant the "St. Regis"; moreover the fruit is of the highest quality, both as to size, brilliancy in color, firmness and flavor. It is the first raspberry to ripen and bears without intermission until late in October. Of American origin with an ironclad constitution, withstanding the severest winter, unlike any other variety, the foliage never suffers from sunburn nor seems the growth to be impaired by excessive drought. For a shipping berry it is ideal and has been tested to travel 200 miles, arriving in excellent condition. More than any other feature stands out the fact that it will bear the first season, and if planted in early April the first ripe berries may be picked the end of June the same year. The yield increases with the growth. The berries are bright crimson, of large size, surpassing quality—rich, sugary with true raspberry flavor, and exceedingly meaty and firm, keeping longer in good condition than any other red raspberry. It succeeds in all soils; light sandy, or cold heavy clay. **Price:** \$1.50 per doz., 50 for \$5.50, \$10.00 per 100.

Reporter's Note on the St. Regis Raspberry, from the Farm Journal, December, 1910.

On September 30th we saw some nice looking red raspberries on exhibition at the Inter-State Fair at Trenton, N. J. They had just come from the bushes and looked as fresh and luscious as early summer berries. The variety is called the St. Regis Everbearing, and it was exhibited by J. T. Lovett, Little Silver, N. J.

STRAWBERRY PLANTS (Layer)

* During the spring months from April 1st to May 15th we supply layer plants; these will produce a crop of berries the following year.

Note.—Varieties which are marked P. are pistillate (or imperfect flowering), and while they embrace often the best kinds, it will be necessary in order to get fruit to plant bisexual (or perfect) flowering sorts near them. About five imperfect to one perfect flowering is the general rule.

EARLY VARIETIES

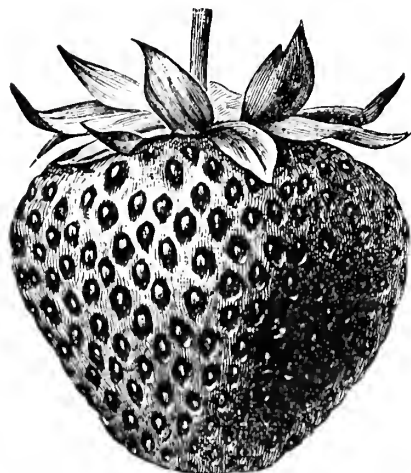
Abington
Fairfield
Kitty Rice
Senator Dunlap
Success
Chipman

MID-SEASON VARIETIES

Auto
(P) Bubach
Commander
Cardinal
Heritage
Nick Ohmer
(P) President
Wm. Belt

LATE SEASON VARIETIES

Brandywine	Superior
Chesapeake	(P) Sample
Commonwealth	Saunders
Gandy	Sharpless
(P) Glen Mary	Haverland
Norwood	Stevens Late Champion
New Home	

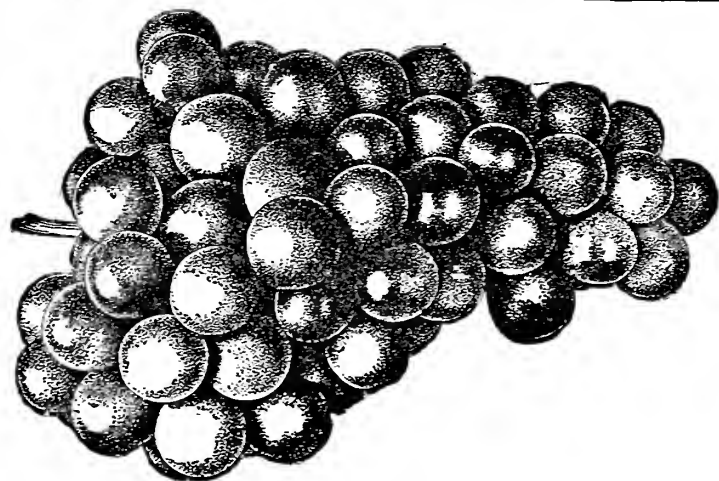


Price of Layer Plants, any variety offered here, 25c. doz., per 100 \$1.00, \$6.00 per 1000.

BOOKS ON THE CULTURE OF THE STRAWBERRY AND OTHER FRUITS

Strawberry Culture (Fuller)	\$0.25
Berry Book (Biggle's)	.50
Fruit Culturist (Thomas)	2.25
Small Fruit Culturist (Fuller)	1.00
Principles of Fruit Growing (Bailey)	1.25
Fruit Garden (Barry's)	1.50

Pot Grown Strawberry Plants ready August 1st



GRAPES

Brighton. Bunch large, well formed, berries above medium to large, round; excellent flavor and quality. One of the earliest in ripening.

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich, delicious.

Columbian. Is claimed to be the largest grape ever placed on the market, and forms large, compact clusters. It is an excellent table grape, and excels all others for jelly. Vine is a strong grower, free from mildew, enormously productive, immense clusters of grapes, black in color; midseason.

Concord. The well-known standard purple variety, succeeds wherever grapes will grow.

Delaware. Bunches and berries rather small; light red; very juicy.

Green Mountain. A very early grape of the best quality; of medium size; color greenish-white; almost melting in the mouth; vine vigorous, healthy and productive. 50c. each, per doz. \$5.00.

Moore's Diamond. A strong healthy grower, hardy and productive; color white; berries large; flesh tender, juicy, but with little pulp; ripens before Concord.

Moore's Early. Berry large, with heavy blue bloom. Vine exceedingly hardy; desirable for an early market.

Niagara. An unusually strong grower; bunches very large and compact, berries large, light greenish-white, semi-transparent, has very little pulp and is sweet to the centre.

Pocklington. Bunch and berries large, when fully ripe a light golden-yellow. Vine thoroughly hardy, strong grower and productive.

Vergennes. Berries large, holding firmly to the stem; light amber; rich and delicious.

Worden. A beautiful, large black grape; larger, earlier and decidedly better than Concord.

Wyoming. Vine very hardy, healthy and robust. One of the most beautiful of the amber or red grapes, and in size nearly double that of the Delaware. Flesh tender and sweet, with a strong native aroma. Ripens before Delaware.

Prices, except where noted: 2-year-old, 25c. each, per doz. \$2.50; 3-year-old, 5c. each, per doz. \$5.00.

We can also supply all other varieties.

SPRAY YOUR FRUIT TREES

To have perfect fruit, it is absolutely necessary to keep in check San Jose Scale, and other insects. This can only be done with a good spray pump and the proper spray materials. We are headquarters for these. Send for our special spray booklet.

BLACKBERRIES

Eldorado. A very vigorous grower, free from mildew or rust, enormously productive; fruit large, excellent quality, free from core. Per doz., 50c.; \$3.00 per 100.

Erie. Very productive; free from rust; fruit of good quality. 75c. per doz., \$3.00 per 100, \$12.00 per 1000.

Ohmer. Canes hardy; fruit very large; of excellent quality, firm, with no core, and sweet before soft or fully ripe. 50c. per doz., \$3.50 per 100.

Mersereau. Remarkably strong grower. An enormous producer of extra size berries which are brilliant black and retain their color, under all conditions; sweet, without core. Unsurpassed as a shipper and keeper. Per doz. 75c., \$4.00 per 100.

Rathbun. Fruit is of enormous size, single specimens measure one and three-quarters inches in length, firm and sweet, with no core. Plant is very hardy. 50c. per doz., per 100 \$3.00.

Ward. A new blackberry of great merit. A seedling of the Kittatinny, which it resembles somewhat. A very strong grower; it is perfectly hardy. The fruit is black throughout, very prolific and firm. 60c. per doz., \$4.00 per 100.

We can also supply all other varieties.

CURRANTS

Black Naples. Fruit varies from small to large, averaging above medium; strong flavor. An old and well-known variety.

Cherry. Bush vigorous, stocky and compact; cluster rather short, with short stems; fruit averages large; color fine, bright red. One of the most productive of the large currants.

Fay's Prolific. Not quite so strong a grower as Cherry; cluster medium to long, with rather long stems; color darker than Cherry.

North Star. Bush very vigorous, upright, somewhat spreading; clusters medium length.

Red Dutch. An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

Versailles (La Versailles). Bush a vigorous, somewhat spreading grower. Very similar to Cherry in habit of growth and character of fruit.

White Grape. Clusters long; berries very large; of very attractive color, mild flavor and good quality.

Price, any of above varieties of currants, except where noted, strong 2-year-old, 15c. each, per doz. \$1.25, \$8.00 per 100.

GOOSEBERRIES

2-YEAR-OLD STRONG BUSHES

Chautauqua. A new white gooseberry, equaling the finest and largest varieties in size. 25c. each, per doz. \$2.50, \$17.50 per 100.

Columbus. A new yellow variety; very prolific, free from mildew; fruit larger than Industry. 25c. each, per doz. \$2.50, \$17.50 per 100.

Downing. Fruit medium to large, whitish green; flesh soft, juicy. Each 15c., per doz. \$1.50, per 100 \$10.00.

Houghton. Bush a vigorous grower, with rather slender branches; very productive. Fruit medium size, pale red, tender and good. 20c. each, per doz. \$2.00, \$12.50 per 100.

Red Jacket. Of American origin, possessing all the good qualities of the English type, and withstanding our severe climatic conditions with impunity. A wonderful cropper, with clean healthy foliage. 20c. each, per doz. \$2.00, \$12.50 per 100.

RASPBERRIES

Brilliant. Ripens its fruit early and fast, producing bright, glossy, brilliant red berries, handsome. \$1.00 per doz., per 100 \$5.00.

Cumberland (Blackcap). The largest raspberry known. Selected specimens measure an inch in diameter, immensely productive. Season a little in advance of Gregg. 50c. per doz., per 100 \$3.00.

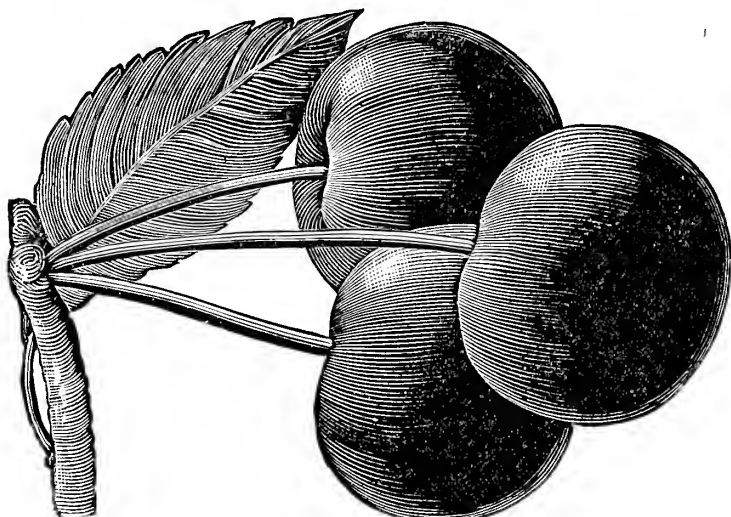
Cuthbert. Berries very large, measuring three inches around; conical; rich crimson. 50c. per doz., per 100 \$3.00.

Columbian. Fruit very large, often an inch in diameter; color dark red, bordering on purple. 75c. per doz., per 100 \$3.50.

Gregg (Black). Large, firm, of good quality, ripening late. Exceedingly productive. 50c. per doz., per 100 \$3.00.

Golden Queen. Berries are large, of beautiful bright yellow, of excellent quality; medium to late. Per doz. 75c., \$3.50 per 100.

We can also supply all other varieties.



Black Tartarian Cherry

CHERRIES

Black Tartarian. Very large, purplish-black; flavor mild and pleasant. Tree a remarkably *vigorous* grower, and an immense bearer. Last of June and beginning of July.

Early Richmond. Medium size, dark red. This is one of the most valuable and popular of the acid cherries, is unsurpassed for cooking purposes and exceedingly productive. June.

Governor Wood. Fruit large, roundish, heart-shaped. Skin light yellow, shaded and marbled with bright red. Middle of June.

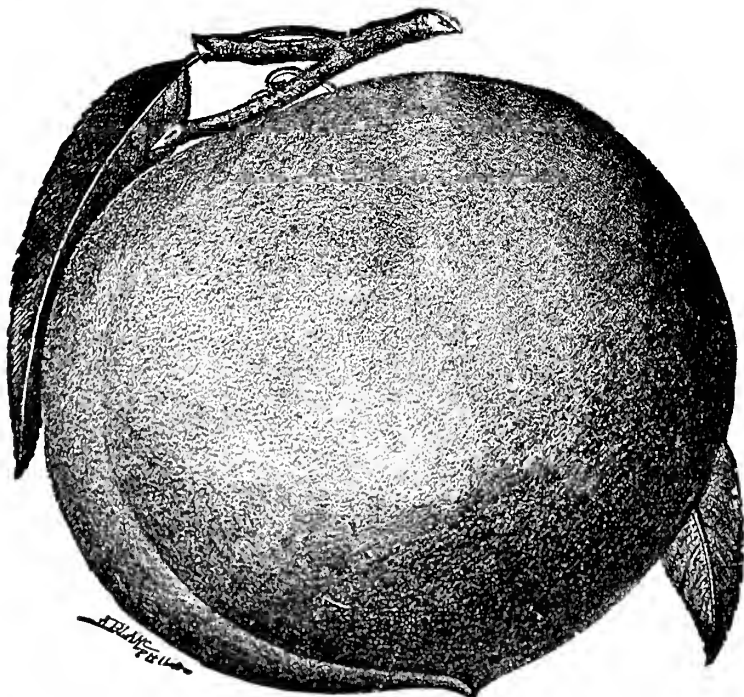
Large Montmorency. A popular market variety; good for all purposes. Vigorous grower, very productive. Fruit large, light red; ten days later than Early Richmond. Last of June.

Mercer. A heart variety of large size, excellent quality and attractive appearance, larger than Black Tartarian; color when ripe very dark red, very meaty and firm, free from rot and disease, very productive, hardy and a good grower; an excellent cherry for the home garden. Early.

Napoleon. A magnificent cherry of the largest size; pale yellow, with a bright red cheek; flesh very firm, juicy and sweet; enormous cropper; ripens late; valuable for canning.

Yellow Spanish. Large; pale yellow, with bright red cheek in the sun; flesh firm, juicy and delicious; one of the best, most beautiful and popular of all light-colored cherries. Tree erect, *vigorous* and productive. End of June.

Extra Strong Trees, 6 to 8 feet high, 75c. each; per doz., \$7.50. We can also supply all other varieties.



Crawford's Late Peach

PEARS

Bartlett. Large size, with a beautiful blush; buttery, very juicy; bears early and abundantly. August and September.

Flemish Beauty. Large, beautiful, juicy, melting; good bearer; one of the hardiest and does well nearly everywhere. September and October.

Howell. Large, light, waxen yellow, with a fine, red cheek; handsome, rich; aromatic flavor. An early and profuse bearer. September and October.

Kieffer. While not of best quality, properly ripened it is a fair dessert fruit, and one of the very best for canning and preserving. October and November.

Lawrence. A good grower; very productive. Fruit medium, canary-yellow, sweet and excellent; a good keeper. December.

Le Conte. Very vigorous grower, with luxuriant foliage; fruit very large, greenish-yellow, smooth and handsome; juicy. Early.

Rossney. A large variety of rare merit; flesh fine grained and of superior flavor; skin a beautiful creamy yellow, with crimson blush, giving it a tempting appearance; ripening in September.

Worden-Seckel. A seedling of the Seckel. Equal in quality to its famous parent, which it much resembles in flavor, is equally as luscious, more juicy, while in size, color, form and appearance it is decidedly superior; hardy and an enormous bearer; fruit keeps well. October.

Extra Strong Trees, 6 to 8 feet high, 75c. each; per doz., \$7.50. We can also supply all other varieties.

PLUMS

Abundance. The fruit is very large, showy and beautiful. Amber, turning to a rich, bright cherry color. Ripens early in August.

Burbank. Medium to rather large, conical in form; orange-yellow, overlaid with red; flesh firm, meaty, yellow; from two to four weeks later than Abundance.

Hale. The plums are of the largest size, bright orange-yellow skin, mottled and nearly covered with vivid cherry-red.

Red June (Japan). Vigorous and early; fruit medium to large, deep vermilion-red; very showy; flesh light lemon-yellow.

Sultan. Very large in size, deep purplish-crimson in color; flesh very firm, dark crimson shaded with pink.

Wickson. Fruit large, obconical, dark crimson-purple; flesh very firm, highly flavored; pit small. An excellent keeper. Ripens after Burbank.

Wild Goose. Large, rich, crimson; very productive and profitable.

Extra, 5 to 6 feet, 75c. each; per doz., \$7.50.

PEACHES

Trees such as we furnish will often bear the year after they have been set out.

Crawford's Early. The best yellow peach for market; fruit large, oblong; skin yellow, with fine red cheek; flesh yellow, juicy; wonderfully productive. Last of August.

Crawford's Late. Fruit of the largest size; skin greenish-yellow, with dull red cheek; flesh yellow; one of the finest late sorts. Last of September.

Elberta. Large, yellow, with red cheek; flesh yellow; firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. Is doing well in all peach sections north and south. One of the leading market varieties. Follows Early Crawford.

Mountain Rose. The largest early peach. White, with red cheek; rich and very good; productive and reliable. Freestone.

Oldmixon Free. Uniformly large; white, covered with bright red; one of the best. Last of August.

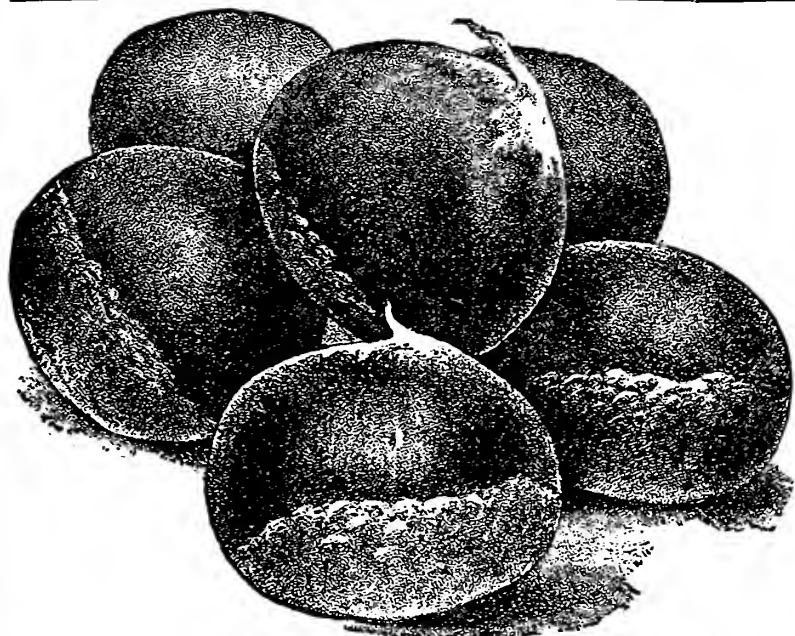
Stump the World. Very large; skin white, with bright red cheek; flesh white, juicy and good. Last of September.

Extra Strong Trees, 5 to 6 feet high, 40c. each; per doz., \$4.00. We can also supply all other varieties.

QUINCES, APRICOTS and all other Fruit Trees
can be furnished promptly at reasonable prices
for Reliable Stock.

FRUIT AND NUT TREES

In this department we are able to supply our customers with exceptional values. The list embraces only the best and tried kinds, the selection being large enough to satisfy most anyone's wants.



Paragon Chestnuts

CHESTNUTS

Grafted Chestnuts are very desirable, as they come into bearing a year or two after planting.

Alpha. (*Japanese Grafted.*) The earliest known chestnut. Comes to bearing at two to three years old and is very productive. Nuts large, four inches around and two to three to a burr. Ripens September 5th to 10th, without frost; 4 to 6 ft. trees, \$1.75 each; per doz., \$17.50.

Scott. (*Grafted.*) A very vigorous, upright grower, attaining great size, the original tree having a spread of about eighty feet; immensely productive. Nuts of medium size, light in color, bright, handsome, of very good quality. 4 to 6 ft. trees, \$1.75 each; per doz., \$17.50.

Spanish Numbo. (*Grafted.*) Very hardy; very productive. Comes to bearing quite young. Nuts large and of good quality, ripening early, usually before frost. 4 to 6 ft. trees, \$1.50 each; per doz., \$15.00.

Paragon. (*Grafted.*) Tree hardy, productive; nuts large and of excellent quality. It has been known where two trees four years grafted produced one bushel of nuts each. 4 to 6 ft. trees, \$1.75 each; per doz., \$17.50.

Parry's Giant. (*Japanese Grafted.*) These nuts are enormous, measuring six inches in circumference and run two to a burr. A vigorous, upright grower and very productive; nuts smooth, dark and attractive; ripens September 25th. The largest known chestnut. 4 to 6 feet trees, \$1.75 each; per doz., \$17.50.

Ridgeley. (*Grafted.*) A large variety of the chestnut from Delaware. Very productive. As indicating its great value as a market variety, the crop from the original tree is reported to have brought \$32.00. 4 to 6 ft. tree, \$1.75 each; per doz., \$17.50.

Native Sweet Chestnut. The well-known chestnut of the forest, for sweetness and quality unsurpassed. A vigorous, healthy-growing tree, and the best stock on which to graft the improved varieties. It makes a beautiful shade tree, also, showing billowy masses of creamy bloom in summer. 3 to 4 ft. trees, 60c. each; per doz., \$6.00. 5 to 7 ft. trees, \$1.00 each; per doz., \$10.00.

WALNUTS

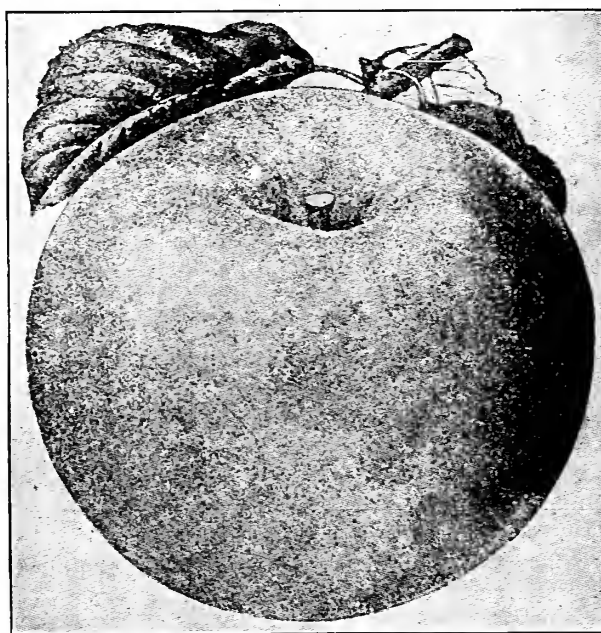
Persian Kaghazi is claimed to be the hardiest of all soft-shelled walnuts. It is a vigorous, free grower; very prolific, producing nuts in clusters, and comes to fruiting very young. The nut is larger than in the ordinary varieties; the kernel full, plump, meaty, sweeter, richer in oils and of finer flavor. The shell is thin but not tender, like some "paper shell" varieties, does not crack in handling, still may be crushed in the fingers. 3 to 4 ft. trees, 75c. each; per doz., \$7.50. 4 to 5 ft. trees, \$1.00 each; per doz., \$10.00.

WALNUTS—Continued

Persian (Madeira). The well-known English Walnut, a handsome, lofty-growing tree of spreading habit, hardy and productive as far north as New York City. Trees of this variety are plentiful in New Jersey, and produce annually immense crops of thin-shell nuts of a delicious quality. This tree should not be planted for the nuts alone, but as a shade and ornamental tree, its handsome form, deep green foliage, and clean appearance rendering it strikingly handsome as a lawn tree. 2 to 3 ft. trees, 50c. each; per doz., \$5.00. 3 to 4 ft. trees, 75c. each; per doz., \$7.50. 4 to 5 ft. trees, \$1.00 each; per doz., \$10.00.

Black Walnut. A native tree of large size and majestic form, beautiful foliage. The most valuable of all trees for its timber; a rapid grower, producing a large, round nut of excellent quality. 3 to 4 ft. trees, 50c. each; per doz., \$5.00.

We can also supply all other varieties of Nut Trees.



APPLES

Baldwin. Large, roundish; deep bright red; very productive; handsome fruit. One of the most popular varieties in northern States. January to April.

Ben Davis. Large, handsome, striped, productive; a late keeper. A profitable market sort. December to March.

Grimes' Golden. (*Grimes' Golden Pippin.*) Of the highest quality; deep golden yellow, aromatic, spicy and rich. Tree vigorous and productive. January to April.

Maiden's Blush. Rather large and smooth, evenly shaded red or blush on a clear, pale yellow ground; with a pleasant sub-acid flavor. September and October.

Red Astrachan. Large, roundish, deep crimson, overspread with a thick bloom; juicy, rich, acid, very productive. August.

Rhode Island Greening. Large, greenish-yellow; tender, juicy and rich, with rather an acid flavor; an abundant bearer. December to April.

Smokehouse. A popular old variety in Pennsylvania, where it originated. Roundish oblate; yellow, shaded and striped with bright red; flesh yellowish. A rather crooked grower, but productive. September to February.

Northern Spy. Large, roundish, slightly conical. Flesh white and tender, with a rich and delicious flavor. The tree should be kept open by pruning, so as to admit the air and light freely. January to June.

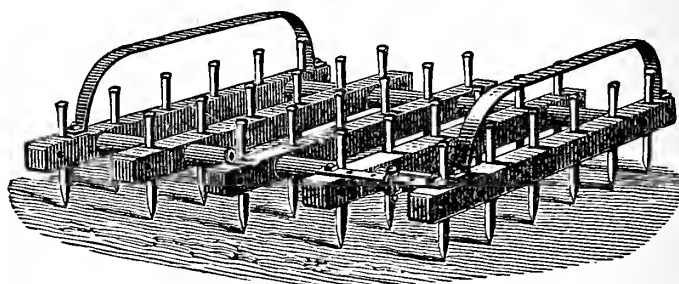
Orange Pippin. Medium size; golden yellow; very productive and valuable. Early.

Any of the above in 6 to 8 ft. trees, 60c. each; doz., \$6.00; \$40.00 per 100.

We can also supply all other varieties, also Crab Apples.

HARROWS, ETC.

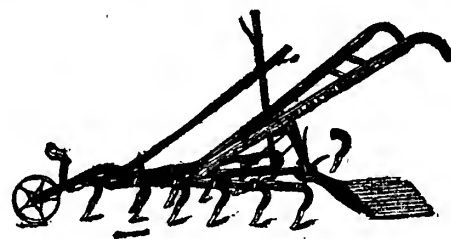
THE EVANS HARROW



Though old-fashioned in appearance and construction, this harrow takes the place of many. The harrow is fitted with runners, upon which it may be turned to take it from place to place.

Price, 25 teeth.....\$6.00 Price, 30 teeth.....\$7.00

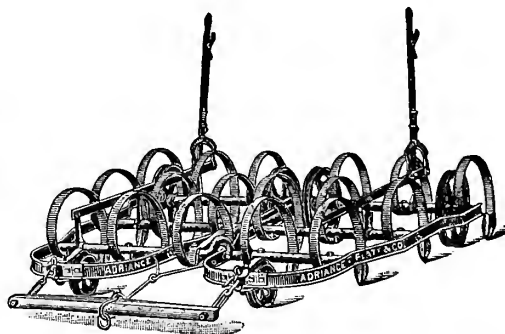
THE PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER



With the Twelve-Tooth Harrow here shown, you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil, mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

Price, as in cut.....\$8 50 Price, less pulverizer
 " less pulverizer 7.00 and wheel\$5.75

STEEL SPRING TOOTH HARROWS. R Series

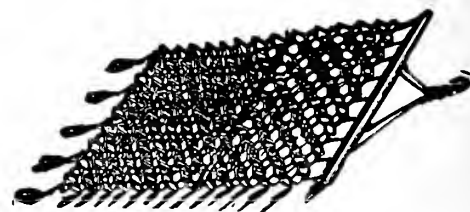


Spring harrows are gradually becoming more favored. They are readily controlled by means of levers.

9-tooth, one section, \$12.00.
 11-tooth, one section, \$13.00.
 15-tooth, 2 sections, \$18.00.

These prices include front wheel equipment as shown in cut.

SCOTCH CHAIN HARROW

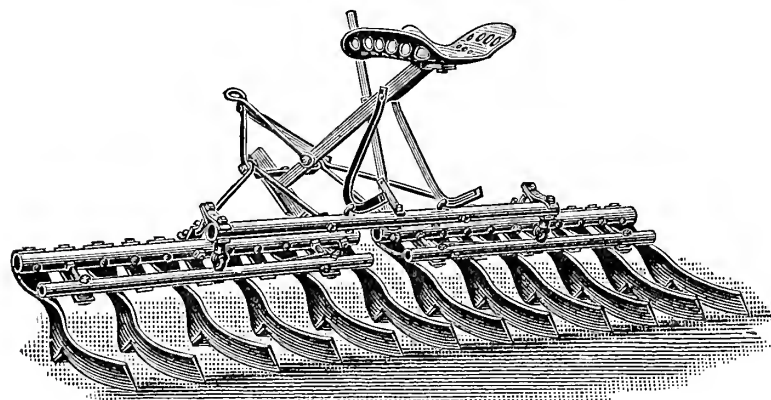


One of the best implements for pulverizing the surface soil, leveling and smoothing, and is also splendid for covering grass seeds, etc. Used on driveways and race tracks, it smooths the surface, eliminating ruts and footprints.

One-horse size, 5 x 6 feet\$16.50
 Medium two-horse, 6 x 7 3/4 feet 22.50
 Full two-horse size, 9 x 11 feet 29.00

Roderick Lean, D Series. 25-tooth, 1 section, \$6.50; 30-tooth, 1 section, \$7.00; 60-tooth, 2 sections, \$13.50.

We are in position to furnish Steels and Parts for all the Harrows offered above



Acme Pulverizing Harrow

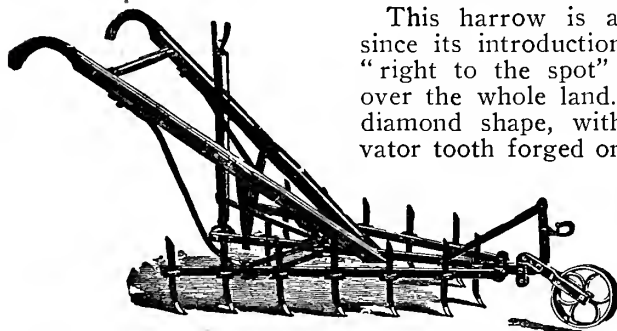
The **Acme Harrow** will be found by those having a large acreage to pulverize, an indispensable implement, it pulverizes and crushes the ground so thoroughly as to give it the appearance of having been done by hand.

Price, 6 ft. covering area, 2-horse\$17.00

" 4 " " 1 " 14.50

Extra blades or teeth, 50c. each.

IRON AGE DIAMOND TOOTH HARROW AND CULTIVATOR



This harrow is a tool that has, since its introduction, seemed to go "right to the spot" among farmers over the whole land. The teeth are diamond shape, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be quickly removed. Cultivating width

when equipped with lever expander, 34 inches with plain expander in place of lever expander, 38 inches.

Price complete, as in cut\$5.00

" without wheel, with lever 4.50

" " or lever 3.75

SINGLE AND DOUBLE TREES



Wood Single Trees, 26 inches, hooks or rings, price.....\$0.75

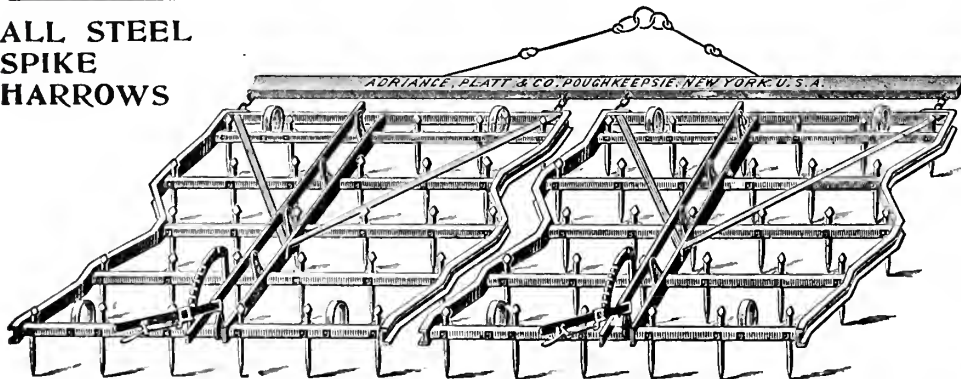
" 28 " " " " "85

" Double " heavy, No. 2 " " " " 2.50

Steel Single " 24 inches, " " " "90

" Double " 33 in., No. 1 " " " " 3.25

ALL STEEL SPIKE HARROWS

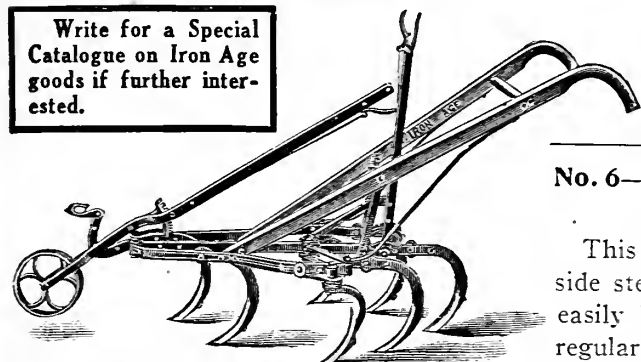


Each section is furnished with an adjusting lever so that the teeth may be set at any desired angle without stopping. The harrow can be had in various sections, making it suitable for either one or two horses.

IRON AGE HORSE HOES AND CULTIVATORS, Etc.

Write for a Special Catalogue on Iron Age goods if further interested.

The Iron Age Implements are regarded in many sections of farming and trucking the universal favorite. Too much stress cannot be laid on them as efficient and economical implements.



No. 6—Fig. 71. "Iron Age" Horse Hoe as a Cultivator, shown with "Furrow-closing" Attachment

No. 6—Fig. 100. Iron Age Horse Hoe and Cultivator

This machine is equipped with side steels or coverers, which can easily be detached, and have the regular cultivator teeth, which accompany each implement.

Price (as in cut)\$5.75

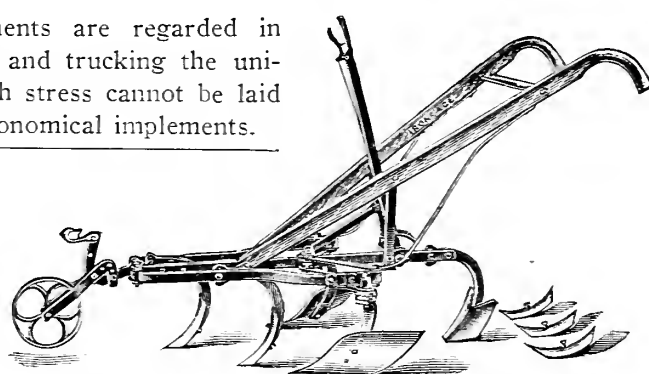


Fig. 100—No. 6 "Iron Age" Horse Hoe and Cultivator, with Plain Wheel

No. 6 Fig. 71. Seven Tooth Iron Age Cultivator

The above illustration represents the most perfect agricultural appliance of its kind. By means of the lever wheel the depth may be regulated with a single stroke of the arm; the expanding lever renders it able to go through very narrow rows successfully. The cultivator may also be used as a five tooth machine by merely unbolting two teeth and arms.

Price (as in cut), \$6.75

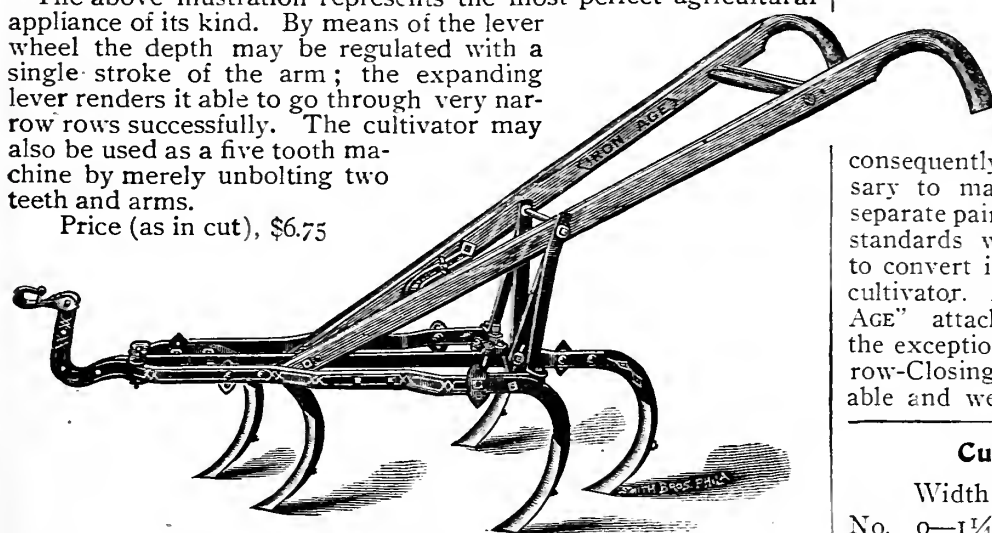


Fig. 10—No. 1 Iron Age Cultivator

Largely sold in those sections of the country where labor is inefficient and a cheaper and simpler tool is desirable.

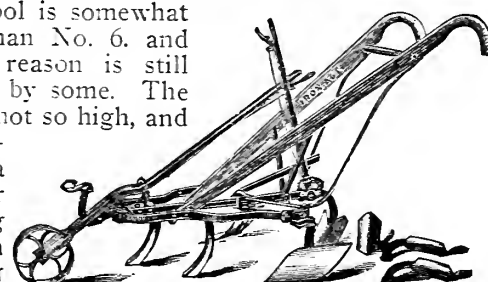
Price, as in cut\$3.15 | Price, with lever expander \$3.90
" with plain wheel... 3.65 | " with lever & wheel. 4.40

IRON AGE HORSE CULTIVATOR PARTS

Handles complete	\$0.75	Expanding Levers	\$1.20
Handles, each .....	.30	Expanding Clamps .....	.25
Handle Rounds .....	.10	Clevis .....	.15
Wheels, plain, No. 2 .....	.50	Wrenches .....	.10
Wheels with lever	1.00	Diamond Harrow Teeth..	.12

No. 1—Fig. 64. Iron Age Horse Hoe and Cultivator, Complete

This tool is somewhat lighter than No. 6, and for this reason is still preferred by some. The frame is not so high, and consequently it is necessary to make use of a separate pair of cultivator standards when wishing to convert it into a plain cultivator. All the "Iron Age" attachments with the exception of the Furrow-Closing and Depth Regulator, are applicable to this admirable and well-known tool. Price, \$6.25

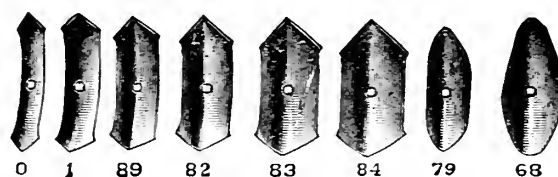


No. 1—Fig 64. Iron Age Cultivator

Cultivator Teeth for Iron Age Implements

Width	Each.	Width	Each.
No. 0—1¼-inch	\$0.10	No. 82—3 -inch	\$0.11
No. 96—1½-inch .....	.10	No. 83—3½-inch .....	.13
No. 1—2 -inch .....	.10	No. 84—4 -inch .....	.14
No. 89—2½-inch .....	.10	No. 68—4 -inch .....	.12

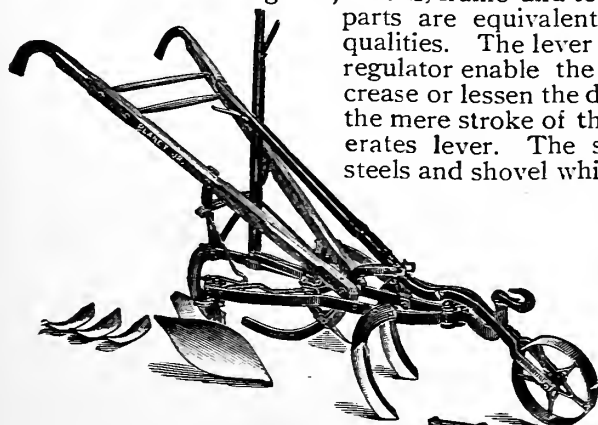
Bolts for Teeth, \$0.03 each; per dozen, \$0.30



PLANET JR. HORSE HOES AND CULTIVATORS

No. 8 PLANET JR. HORSE HOE AND CULTIVATOR Price, with Attachments as Shown, \$8.50

Made of steel throughout, that is, frame and teeth, and all other parts are equivalent as to wearing qualities. The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by the mere stroke of the arm which operates lever. The side or covering steels and shovel which is in the rear may be taken off and the arms so turned that when the extra teeth, which accompany the machine, are attached, it presents a perfect five-toothed cultivator.

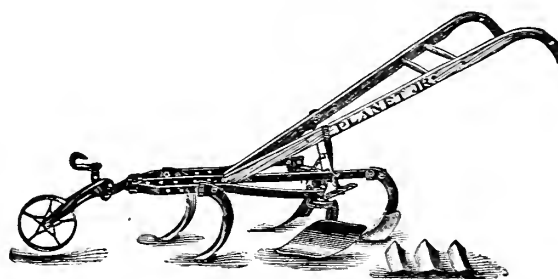


No. 8 Planet Jr. Horse Hoe

No. 4 PLANET JR. HORSE HOE Price, \$6.25 Without Wheel, \$5.50

PACKED WEIGHT, 62 LBS.

This represents a first-class, modern cultivator for either garden or field use. It can be used for furrowing covering and cultivating, being adjustable to these several purposes.



No. 4 Planet Jr. Horse Hoe

Complete Catalog on Planet Jr. Cultivators mailed on request

IRON AGE DRILLS AND SEED SOWERS

THE MODEL SEED DRILL

Though one of the older types of seeding devices, it is to-day as popular as any of the newer ones. The frame work is substantially made of wood, and every part works perfect. It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardeners' drill, having a large carriage capacity for seeds, and is a wonderfully efficient machine.

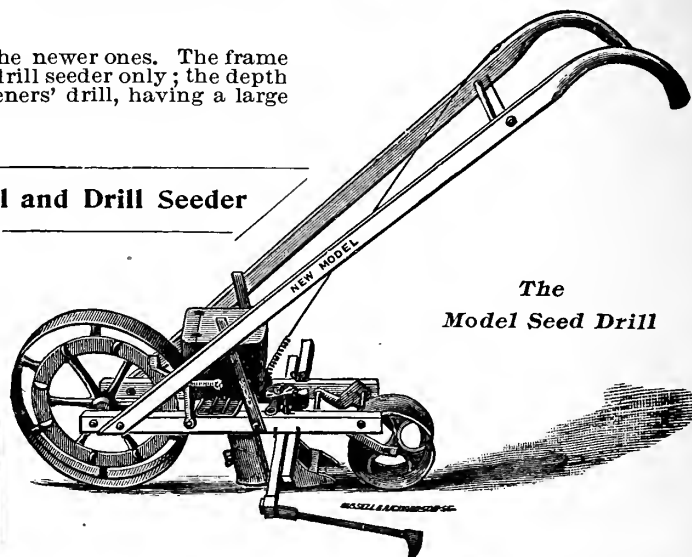
Price.....\$2.00

No. 6 Iron Age Double and Single Wheel Hoe and Combined Hill and Drill Seeder

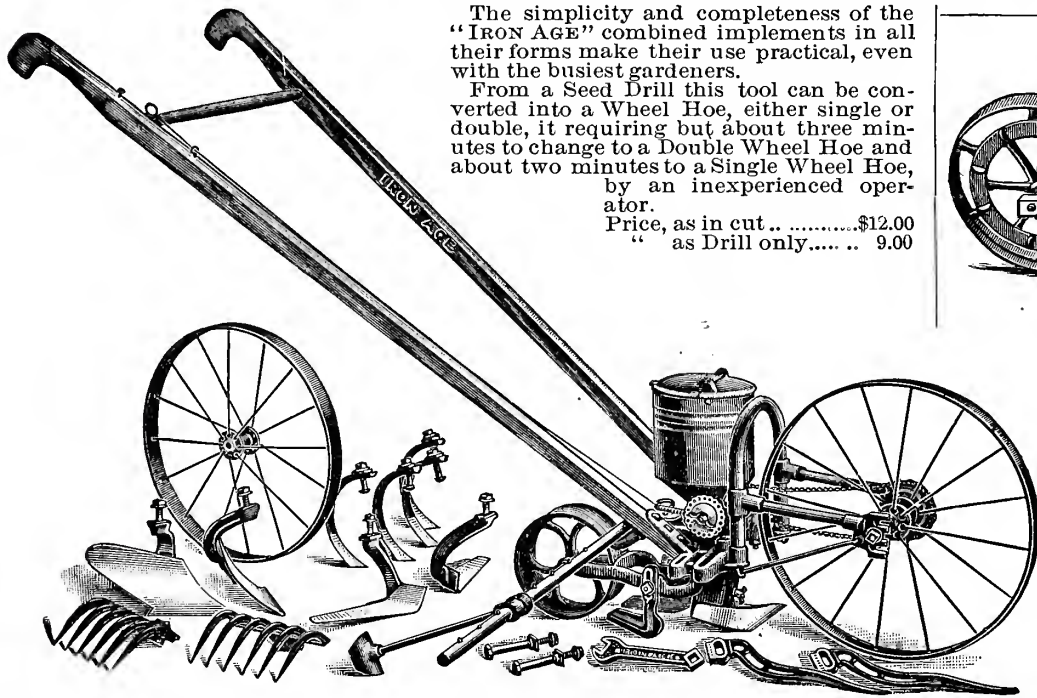
The simplicity and completeness of the "IRON AGE" combined implements in all their forms make their use practical, even with the busiest gardeners.

From a Seed Drill this tool can be converted into a Wheel Hoe, either single or double, it requiring but about three minutes to change to a Double Wheel Hoe and about two minutes to a Single Wheel Hoe, by an inexperienced operator.

Price, as in cut .. \$12.00
" as Drill only..... 9.00



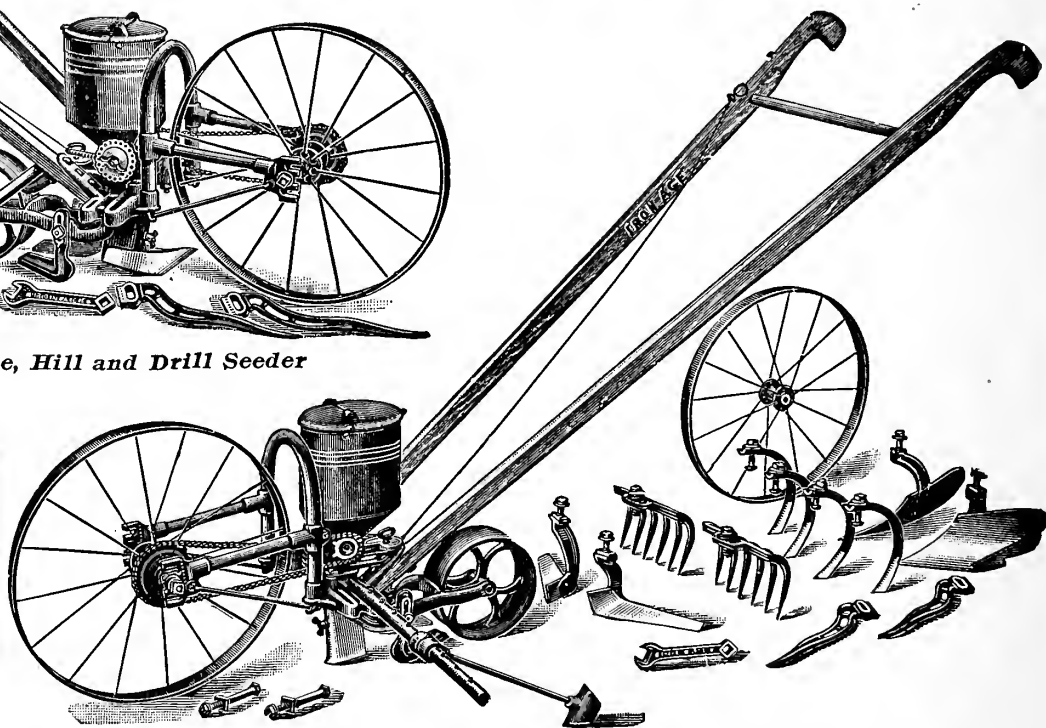
The Model Seed Drill



No. 6 Double and Single Wheel Hoe, Hill and Drill Seeder

Send for a Catalogue giving complete information on Iron Age Goods.

We can furnish promptly all parts for the Iron Age Seed Drills at factory prices. A complete price-list of repairs mailed free on request.

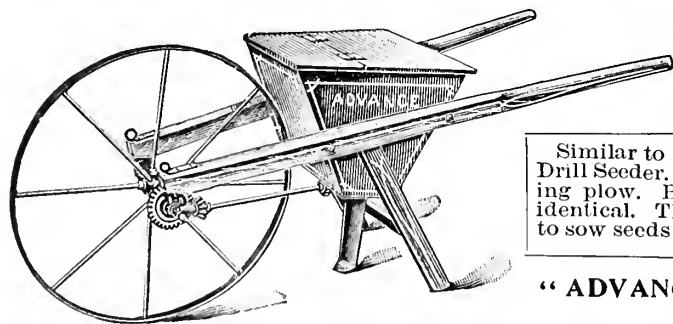


No. 4 Combined Double and Single Wheel Hoe and Drill

No. 4 Iron Age Combined Double and Single Wheel Hoe and Drill Seeder

Price, as in cut.....\$11.00
" as a Drill Seeder only..... 8.50

Similar to the No. 6 Combined Double Wheel Hoe, Hill and Drill Seeder. It only differs in the seed sowing device and opening plow. Both tools as Double and Single Wheel Hoes are identical. The seed sowing device of our No. 4 is only designed to sow seeds in continuous rows.



Advance Drill

"ADVANCE" FERTILIZER DRILL

Packed Weight, 46 Pounds

The increased use of commercial fertilizers has fairly compelled the farmer and planter of the present day to provide himself with improved appliances for properly and economically distributing these adjuncts of modern farming.

We claim the "Advance" to be the best low-priced distributor on the market, and would call attention to its distributing disc of galvanized iron, which can neither break nor rust; also to the wrought iron wheel, which is light and strong.

A shut-off, to prevent the escape of fertilizer when wheeling around end of row, is a late improvement; being one of those little things which go far, however, in making a tool valuable.

A first-class tool for the drilling of peas and corn.

Price, each.....\$6.75



No. 22 Iron Age Fertilizer, Distributor and Seeder

No. 22 "IRON AGE" COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER

Price, \$18.00. Packed Weight, 65 Pounds.

This has proved one of the most successful seed and fertilizer drills ever offered to the public. The fertilizer is distributed more accurately than though it were put on by hand, and the two operations—seeding and fertilizing—are done in one operation.

IRON AGE WHEEL HOES, ETC.

Wheel Hoes have largely done away with the tiresome and laborious work formerly connected with the keeping of a garden or farm. One Wheel Hoe in the hands of an intelligent operator will perform as much work with comfort as six men with hand hoes in the same amount of time.

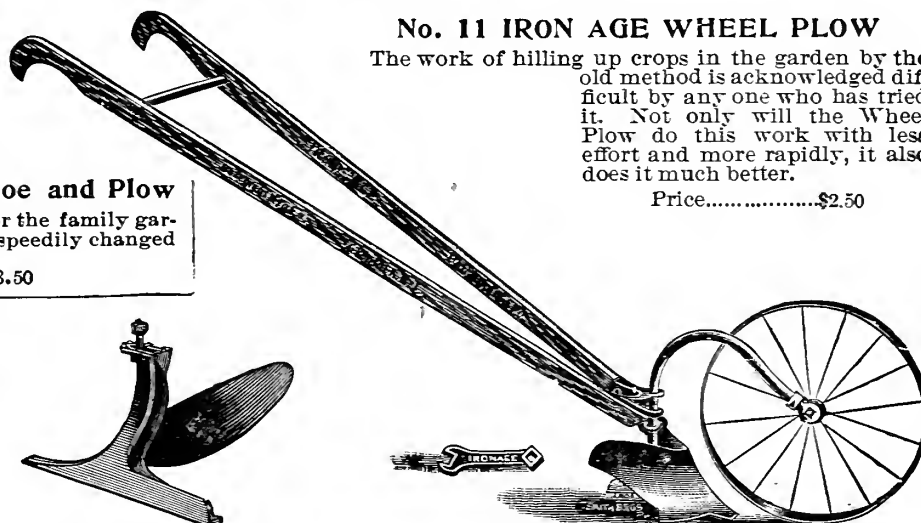
No. 12 Iron Age Wheel Hoe and Plow

This tool is a most desirable one for the family garden and truck patch. It may be speedily changed for different purposes.

Price.....\$3.50



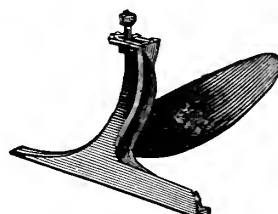
No. 12 Iron Age Wheel Hoe



No. 11 IRON AGE WHEEL PLOW

The work of hilling up crops in the garden by the old method is acknowledged difficult by any one who has tried it. Not only will the Wheel Plow do this work with less effort and more rapidly, it also does it much better.

Price.....\$2.50



Gem Landside Plow

GEM LANDSIDE PLOW

Suitable for attaching to Gem Double and Single Wheel Hoes. Price 90 cts.



No. 9 Iron Age Wheel Hoe

No. 9 Iron Age Wheel Hoe, Plow and Cultivator

This implement is the most complete of the Iron Age single wheel hand tools. It may be used as a hilling plow for hoeing, weeding and raking. It will be found most

practical in any large private garden or upon the extensive market gardening establishment.

Price.....\$5.25

No. 10.—This is similar to the above machine but with one pair of side hoes only.

Price.....\$3.25

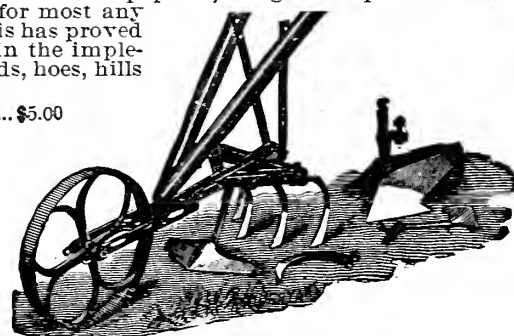
THE "IRON AGE" LANDSIDE PLOW

May be attached to all Iron Age Wheel Hoes. Price, 90 cts.

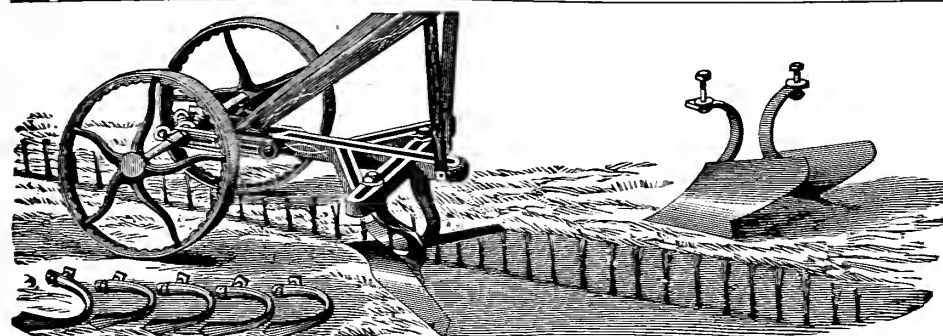
GEM SINGLE WHEEL HOE

Of garden tools this is the most popular, being low in price and complete in detail, suited for most any work in a garden. This has proved one of the best sellers in the implement market. It weeds, hoes, hills and harrows.

Price.....\$5.00



Gem Single Wheel Hoe



Gem Double Wheel Hoe

GEM DOUBLE WHEEL HOE

This Wheel Hoe is very similar to the single wheel, excepting for the fact of it possessing another wheel and being minus the scuffler, for which it has instead one pair of side hoes, which can be used to better advantage on such a tool. The wheels are so arranged so they may be adjusted to enable various growing plants to be worked on both sides in narrow or wide rows.

Price.....\$6.00

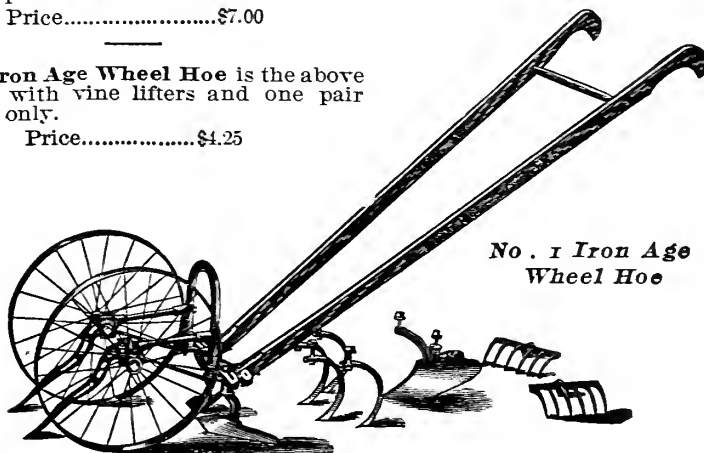
No. 1 IRON AGE DOUBLE WHEEL HOE

Double Wheel Hoes possess very great features over the single wheel machines. One point is that a row of plants may be worked complete on both sides with safety, and the entire soil gets thoroughly loosened without the least possible injury to the plants. The high center arch enables this type of machine to be used where others would not be so practical.

Price.....\$7.00

No. 3 Iron Age Wheel Hoe is the above machine with vine lifters and one pair side hoes only.

Price.....\$4.25



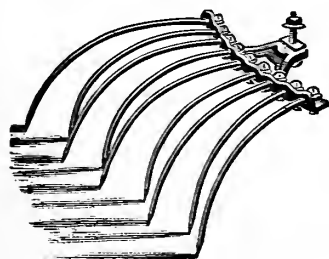
No. 1 Iron Age Wheel Hoe

WEEDER ATTACHMENT

This attachment is indispensable for using on single wheel Iron Age machines. It scarifies the soil, thoroughly destroying all the young growth of weeds.

Price, each (see cut).....\$0.80

For Double Wheel Hoes, \$1.10 per pair.

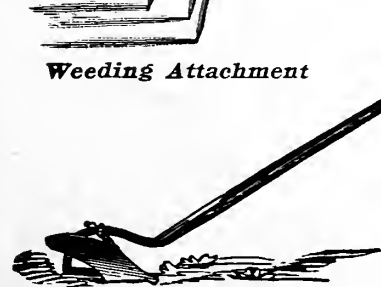


Weeding Attachment

IRON AGE HAND PLOW

For making furrows, hilling, etc.

Price, each.....\$1.35



Iron Age Hand Plow

Extra Parts for Iron Age Wheel Hoes at lowest prices.
Send for Repair Price List

PLANET JR. GARDEN TOOLS

COMPLETE CATALOGUE ON PLANET JR. IMPLEMENTS
MAILED ON REQUEST

THE MAN BEHIND THE PLANET JR.

knows it takes *more* work off his hands, and makes him do *better* gardening, than any other garden implement made. Besides, Planet Jr. Seeders, Wheel Hoes, and Cultivators are well made and they are **guaranteed**—no other maker uses such materials or puts such work into his tools. Half a million users know how long they last.

PRICES OF PLANET JR. DRILLS (Not Illustrated)

No. 1	\$9.00
No. 2	7.00
No. 25. Combined	13.00
No. 5	12.50

NO. 4 PLANET JR.

COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single Wheel Hoe or weeder, a cultivator and a plow. The hopper holds 2 quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day in the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops. See price at top of opposite side of this page.

No. 3 PLANET JR. DRILL

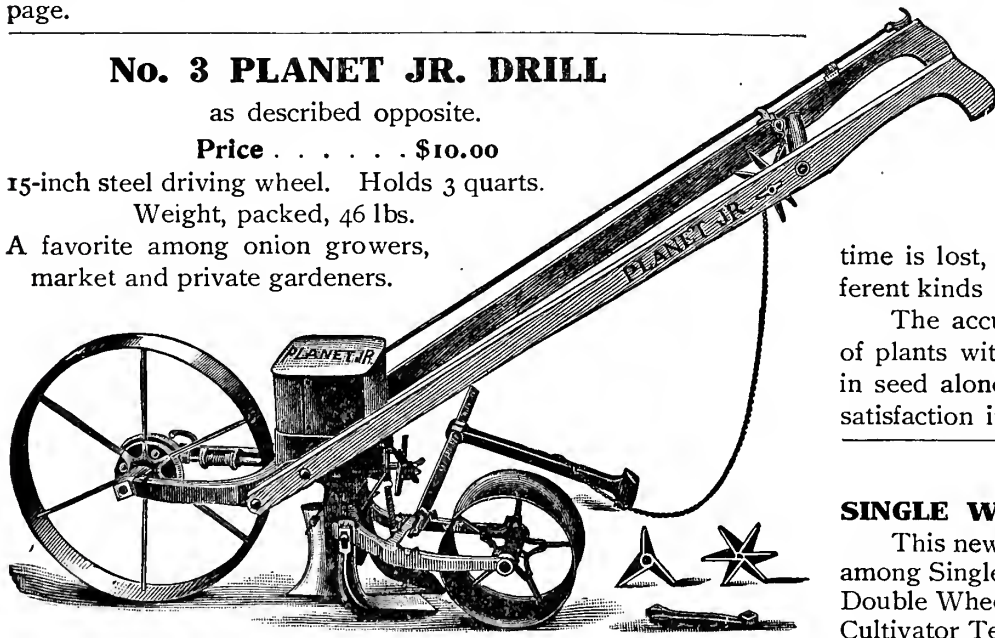
as described opposite.

Price \$10.00

15-inch steel driving wheel. Holds 3 quarts.

Weight, packed, 46 lbs.

A favorite among onion growers, market and private gardeners.



No. 14 PLANET JR.

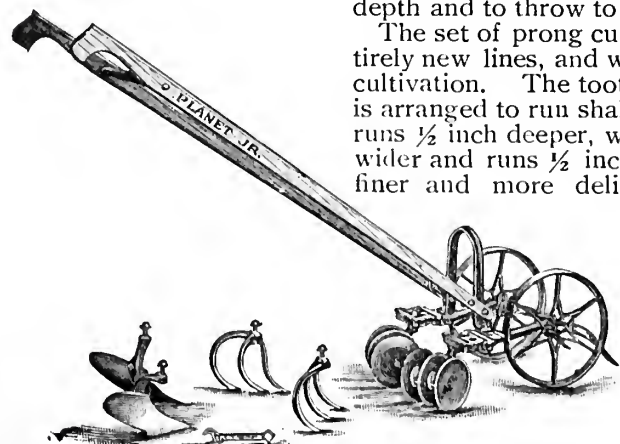
DOUBLE WHEEL DISC HOE, CULTIVATOR AND PLOW

This is a new tool for 1909, which will give excellent satisfaction. The discs are also adjustable for depth and to throw to or from the row as desired.

The set of prong cultivator teeth is constructed on entirely new lines, and will be found invaluable in general cultivation. The tooth next to the row is narrow and is arranged to run shallow, the middle tooth is wider and runs $\frac{1}{2}$ inch deeper, while the outside tooth is very much wider and runs $\frac{1}{2}$ inch deeper still, so that the work is finer and more delicate next to the row, to avoid injury to the roots of plants, and deeper in the center. The teeth are also set out of line from front to back, which makes them work with greater freedom.

The plows are the regular Planet Jr. model and are continually valuable for furrowing and covering, for plowing away and plowing back as required.

Price, with Attachments, \$7.50..



No. 14 Planet Jr. Wheel Hoe

No. 4 PLANET JR. DRILL

Price, Complete, \$10.50.

As a Seeder only, \$8.50.

Steel Driving Wheel. Weight, packed, 47 lbs.

Holds $2\frac{1}{2}$ quarts.

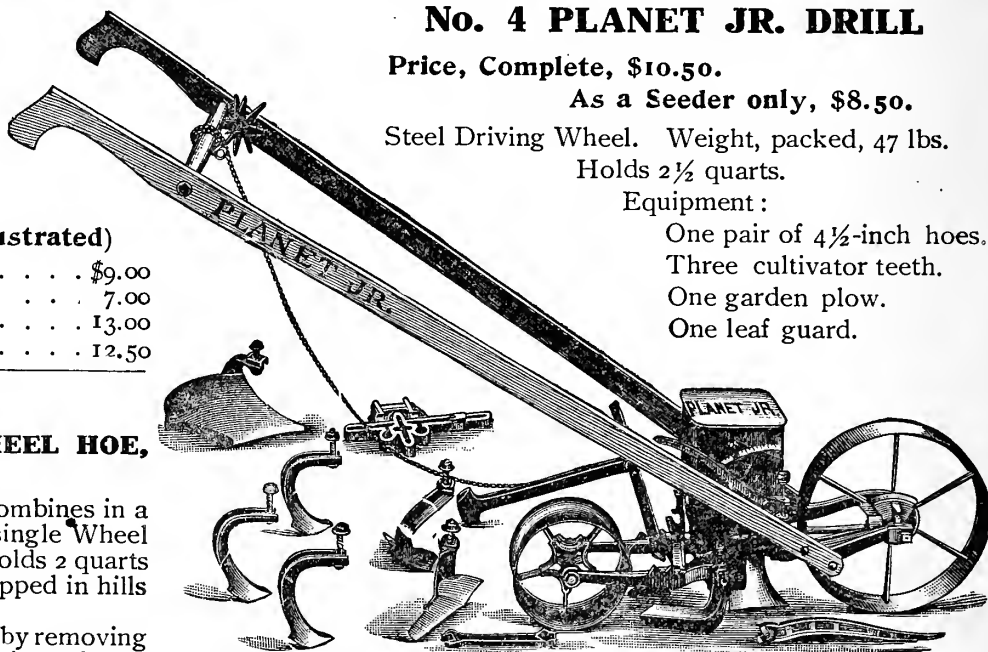
Equipment:

One pair of $4\frac{1}{2}$ -inch hoes.

Three cultivator teeth.

One garden plow.

One leaf guard.



No. 3 PLANET JR.

HILL AND DRILL SEEDER

This Seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seeds in the exact thickness required.

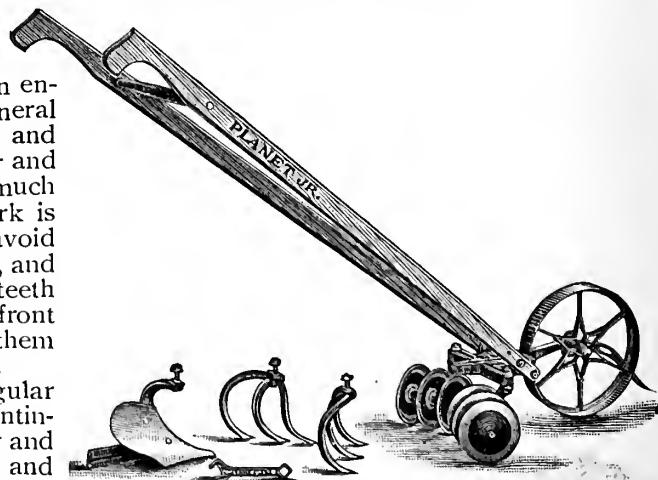
The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. We guarantee this drill to be accurate and give satisfaction in every respect.

No. 38 PLANET JR.

SINGLE WHEEL DISC HOE, CULTIVATOR AND PLOW

This new tool is a combination occupying the same position among Single Wheel Hoes as that taken by the No. 14 Planet Jr. Double Wheel Disc Hoe among Doubles. The sets of Discs and Cultivator Teeth are the same as furnished with No. 14 Disc Hoe, and the Plow is identical with that furnished with our Single Wheel Hoe.

Price, complete, as in cut, \$6.50.



No. 38 Planet Jr. Single Wheel Hoe

PLANET JR. WHEEL HOES, ETC.

Planet Jr.'s are found now in almost every part of the civilized world. This alone (outside of their many other distinctive features) bespeaks for them a place worthy in every collection of garden and farm tools

No. 12 Planet Jr. Double Wheel Hoe

This style machine is most popular with the market gardeners. It can be used for many purposes, being easily adjusted with any of the accompanying attachments.

Price, \$6.50



No. 12—Planet Jr. Wheel Hoe

No. 13

PLANET JR. DOUBLE WHEEL HOE

Many gardeners desire an implement for hoeing only. No. 13 style is best suited for this purpose; the high steel arch is adjustable to various widths of row; comes fitted with one pair of side hoes only. The machine is otherwise precisely as is the No. 12.

Price, \$4.50

No. 11 Planet Jr. Double Wheel Hoe

Undoubtedly this is the most complete wheel hoe offered to the gardening community; the various attachments can be used independent of one another. The large assortment of tools accompanying it renders it invaluable to the market gardener in these days of competition. Price, \$8.50

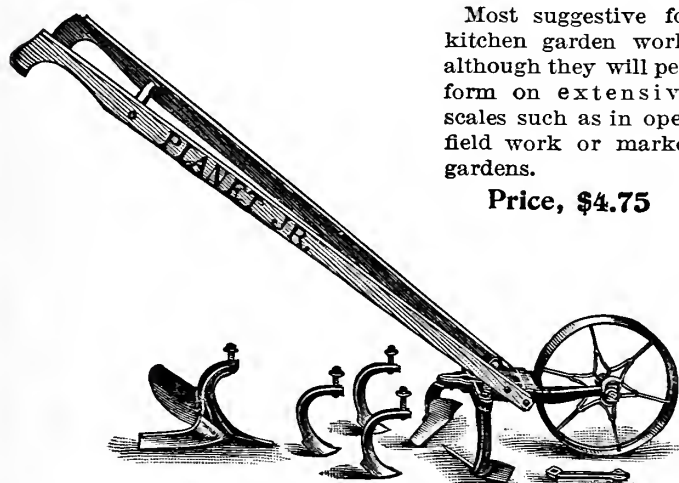


No. 11—Planet Jr. Wheel Hoe

No. 17 Planet Jr. Single Wheel Hoe

Most suggestive for kitchen garden work, although they will perform on extensive scales such as in open field work or market gardens.

Price, \$4.75



No. 17—Planet Jr. Wheel Hoe

No. 18

PLANET JR. SINGLE WHEEL HOE

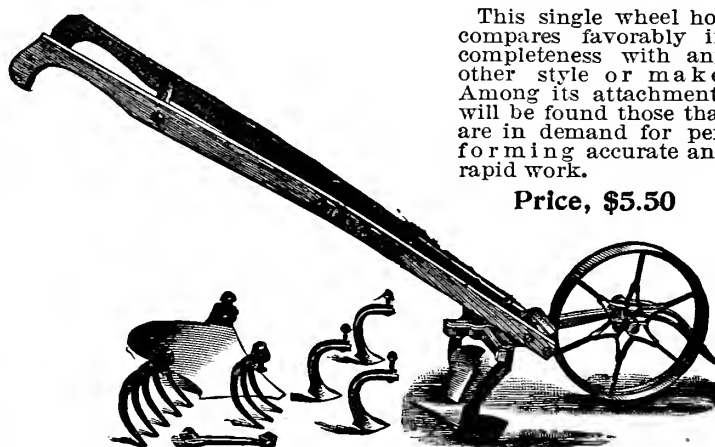
This machine is built in every way like the Nos. 16 and 17, but is fitted with a pair of side hoes only. The frame is identical with the aforementioned machines, so as one's requirements may grow, the attachments which can be purchased at a nominal price may be added.

Price, \$3.25

No. 16 Planet Jr. Single Wheel Hoe

This single wheel hoe compares favorably in completeness with any other style or make. Among its attachments will be found those that are in demand for performing accurate and rapid work.

Price, \$5.50

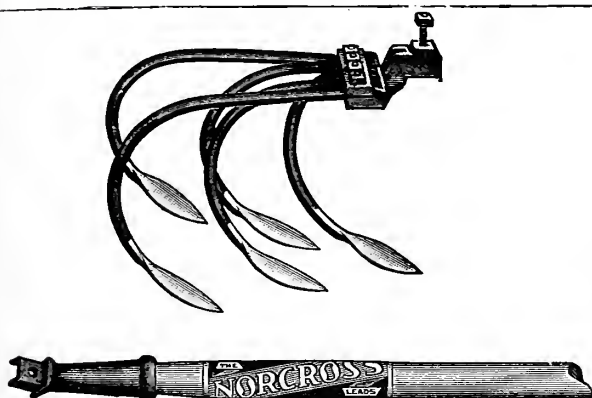


No. 16—Planet Jr. Single Wheel Hoe

INVINCIBLE ADJUSTABLE GARDEN CULTIVATOR

This is a wonderfully useful tool, displacing the hoe and rake almost entirely in garden cultivating. The teeth are made of extra good steel. They are adjustable, to cultivate shallow or deep.

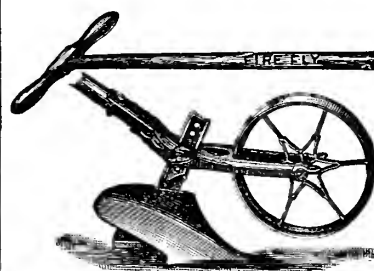
Price, \$1.00 each



FIRE FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring).

Price, \$2.25



PARTS FOR PLANET JR. WHEEL HOES, ETC.

FOR SINGLE WHEEL HOE

Wheel, plain.....	\$0.60
Leaf Lifter.....	.20
Frame.....	.75
Handles, per pair.....	.70

FOR DOUBLE WHEEL HOE

Wrench.....	\$0.12
Side Frames, each.....	.55
Wheels, each.....	.60
Arch.....	.80
Handles, per pair.....	.70
Leaf Lifters, each.....	.20

FOR FIRE FLY PLOW

Handle.....	\$0.50
Frame.....	.70
Wheel.....	.60
Mouldboard.....	.60

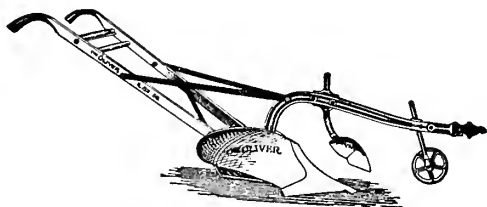
PARTS FOR SINGLE AND DOUBLE WHEEL HOES

Side Hoes, per pair.....	\$0.90
Side Plows, per pair.....	1.10
Cultivator Teeth, each.....	.35
Landside Plow.....	1.10

Rakes, 3-tooth.....	\$0.35
Rakes, 5-tooth.....	.45
Rakes, 7-tooth.....	.55
Onion Harvester, 12-inch.....	1.25
Onion Harvester, 8-inch.....	1.00

THE OLIVER CHILLED PLOW

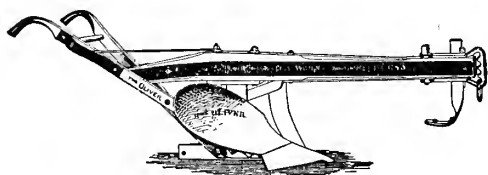
This meets the demands of anyone who wants a strictly high-grade implement. We have been appointed Sole Agents for this famous Plow in Philadelphia and carry a complete assortment of popular styles at all times in stock.



STEEL BEAM STYLE

This style beam has almost displaced the old wooden one; it is much lighter, more durable and not near so clumsy, especially suitable for using in either light soil or stony ground. The beam, mould-board and shares are the best quality chilled steel.

No. 82. 2-horse—complete with wheel and jointer.....\$13.50
 No. 83. 2-horse—heavy “ “ “ “ “ “ 14.00



WOOD BEAM STYLE

There is very little difference between this style and the steel beam; it is lower in cost to meet the requirements of those who do not wish to spend a larger amount. Highly desirable for light sandy soil.

No. A2. 1-horse, plain\$5.00
 No. 10. 2 “ medium, complete with wheel and jointer. 11.50

NOTE.—No. A2 being a smaller plow does not work well with a wheel or jointer. On the other styles, if this equipment is not desired, deduct \$2.00 for the jointer or \$1.00 for the wheel, whichever part it is desired to leave off.

PRICE LIST OF OLIVER PLOW PARTS

	Shares	Mouldboards	Beams	Handles	Jointerpoints	Landslides
No. 82	.....\$0.40	\$2.75	\$3.50	\$1.50	\$0.15	\$0.85
No. 83	..... .45	3.00	3.50	1.50	.15	.85
No. A2	..... .30	1.35	1.50	1.10		.45
No. 10	..... .30	2.25	1.50	1.10	.15	.70

We can also supply “South Bend,” “Syracuse” and “Gale” Plows.

MONOGRAM GARDEN CULTIVATOR

A very desirable tool, easy to operate and thorough in its work. Just the thing for a small vegetable garden. It has a large wheel which makes it easy to push, equipped with hillside plow, cultivator tooth, weeder and scuffle. With this machine a person can do more work in 10 minutes than he can with the old method of hoeing in an hour.

Price, complete, \$1.75.



CYCLONE SEEDER

There is a demand for a low priced seeder, and the Cyclone is designed to fill that want. Distributes very evenly and accurately. Can be regulated to sow various quantities.

Price, \$1.75.

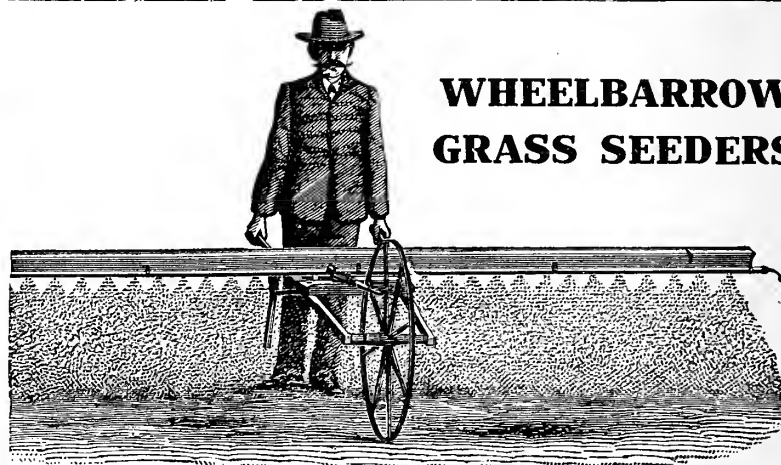


CAHOON BROADCAST SEED SOWER

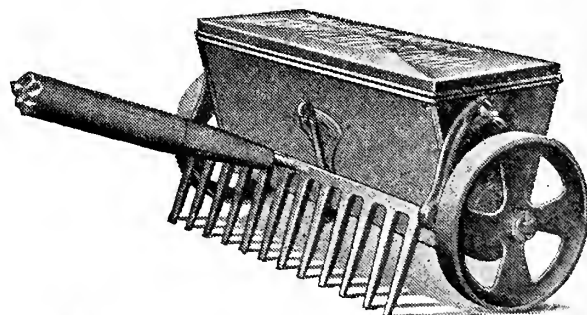
The most practical and satisfactory machine for accurately sowing Timothy, Clover, Grass and other similar seeds.

Price, \$3.25 each.

WHEELBARROW GRASS SEEDERS



These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground which is an important feature, preventing the seed from blowing away and thus coming up unevenly. Price (14 feet sowing area), \$7.00; 16 feet sowing area, \$8.00.



VELVET FERTILIZER SOWER

The only hand-power Fertilizer Sower on the market that will sow evenly, accurately and any desired amount, all brands of pulverized dry fertilizers. The Fertilizer Box, or Hopper, is made of heavy Galvanized Metal and holds fifteen pounds. The amount sown is under absolute control, to a fraction of a pound. It is equipped with an Agitator, as well as Force Feeders. It insures the even spreading of the fertilizer over the ground the entire width of the machine, and the machine sets so close to the ground that the wind has no chance to blow the fertilizer about while being sown. Price, \$6.00.

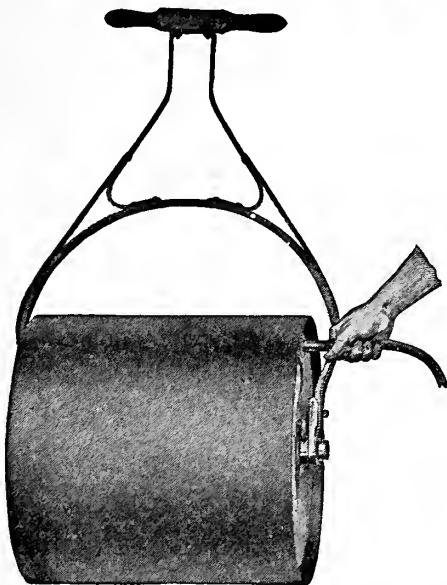
THE STEVENS FERTILIZER DISTRIBUTOR



For distributing bone meal, wood ashes, and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1¾ bu., nicely

finished, covering area 3 feet wide Price, \$12.00.

LAWN, FIELD AND GOLF GROUND ROLLERS, Etc.

DUNHAM
WATER BALLAST
ROLLERS

The proper roller for most any occasion; fill it with water or sand, which will weight it any number of pounds desired; 24 inches diameter, can be had in one or two sections. Equipped with counter balanced handle weights, which always keeps the handle in position ready for use; roller axle bearings. The two section roller is desirable on account of its not disturbing the turf or ground when being turned.

No.	Sec- tions	Diam.	Width	Weight Empty	Weight filled with Water	Weight filled with Sand	Price
6.....	1	24	25	185	560	840	\$13.00
8.....	1	24	32	200	710	1060	14.50
10.....	2	18	24	100	300	500	13.00
12.....	2	24	32	170	650	1000	16.75

We can also supply other sizes of water ballast rollers.

BOSS HAND ROLLERS

No.	In. Diam.	In. Wide	Sec- tions	Lbs. Weight	Price	No.	In. Diam.	In. Wide	Sec- tions	Lbs. Weight	Price
1...15	15	2	150	\$7.60		8...20	30	3	350	\$17.25	
2...15	22	3	200	10.00		9...24	20	2	400	19.50	
3...20	16	2	225	11.25		10...24	24	2	450	22.00	
4...20	20	2	250	12.50		11...24	24	3	450	22.00	
5...20	20	1	250	12.50		12...24	30	3	500	24.50	
6...20	24	3	300	14.75		13...28	24	2	500	24.50	
7...20	24	2	300	14.75		14...28	24	3	500	24.50	

BOSS HORSE ROLLERS

For Lawn and Golf Ground Use.

No.	Diam. In.	Lgth. In.	Sec- tions	Lbs. Weight	Price	No.	Diam. In.	Lgth. In.	Sec- tions	Lbs. Weight	Price
40...24	30	3	650	\$41.00		43...28	30	3	800	\$49.00	
41...24	40	4	800	48.00		44...28	40	4	1000	59.00	
42...24	50	5	950	55.00		45...28	50	5	1200	69.00	

For Land or Field Use.

No.	Diam. In.	Lgth. Ft.	Sec- tions	Lbs. Weight	Price	No.	Diam. In.	Lgth. Ft.	Sec- tions	Lbs. Weight	Price
63...24	5	5		1450	\$61.25	67...28	6	6		1950	\$81.75
65...28	4	4		1350	59.50	68...32	4	4		2200	95.00
66...28	5	5		1650	70.50	69...32	5	5		2600	110.50

We can also supply other sizes of horse rollers.

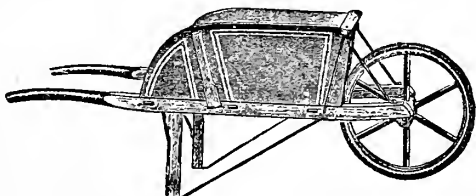
PUTTING GREENS ROLLER

This can be used on clay or grass greens; it is 4 feet wide, made of hard wood, in 4 sections, 10 inches diameter, each with a substantial iron band or ferrule to prevent them splitting. The surface is very even and true, leaving no marks; weight, 190 lbs. Price, \$16.00.

WHEELBARROWS

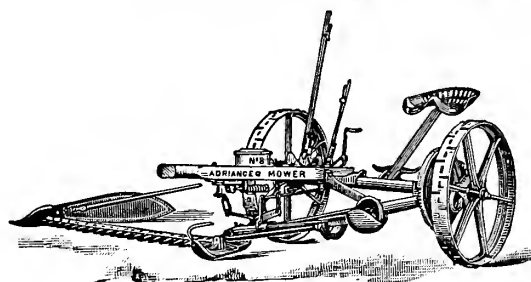
For Farm and Garden Use

The measurements of barrows are understood viz: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.



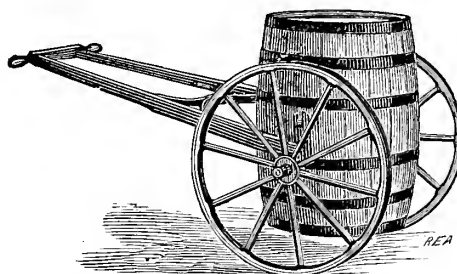
	No.	Tire In.	Length In.	Depth In.	Width In.	Price
Eastern	4	3	26 1/4	11 1/2	27	\$4.50
"	5	3	28 1/4	11 3/4	27	5.00
Jacobs	2	1 1/4	24 1/2	11	23	3.75
"	3	1 1/2	25 1/2	12	24	4.25
"	4	2	27 1/2	14	26	4.75
Boys	1	1	21 3/4	9 1/4	20	3.00
Canal—Side dump (bolted)			\$2.50	Greenhouse		5.00

BUCKEYE FIELD MOWERS



These are now largely used for cutting on golf courses and large lawns, thus doing the preliminary work for the regular horse lawn mower.

No.	Price
7—For 2 horses, chain gear, 5-ft. cut	\$45.00
8—For 2 horses, cog gear, 5-foot cut	45.00
9—For 1 horse, chain gear, 4-foot cut	42.00
10—For 1 horse, cog gear, 4-foot cut	42.00

BARREL
TRUCKS

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack or stone box may be attached.

1 1/2 inch tire truck, all iron wheels, with barrel	\$9.50
2 1/2 " " " " " "	10.25
3 1/2 " " " " " "	11.00

KEYSTONE
LEAF RACKS

This new device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$4.00.

WOODEN LEAF RACKS

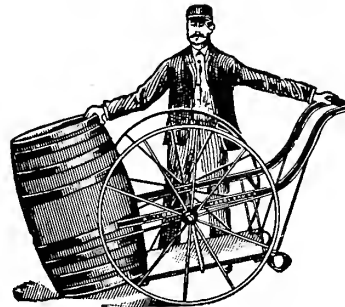
Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck, shown above, instantly.

Leaf Rack only, no truck	\$5.00
" with 1 1/2 inch truck	11.00
" " 2 1/2 " " "	11.75
" " 3 1/2 " " "	12.25

EXTRA EQUIPMENT FOR WATER BARREL TRUCKS

Extra Barrels, with trunnions, open head	\$3.00
" Trucks only, no wheels	3.50
1 1/2 inch wheels only, per pair	4.50
2 1/2 " " " " "	5.25
3 1/2 " " " " "	5.75
Stone Boxes for attaching to the above truck	3.25

BUTLER HAND CART



The most practical device around a country place for trucking barrels, milk cans, etc.; sides can be had for same, making it useful for hauling anything else. Equipped with all iron wheels, is very carefully and substantially made, so that it will last many years.

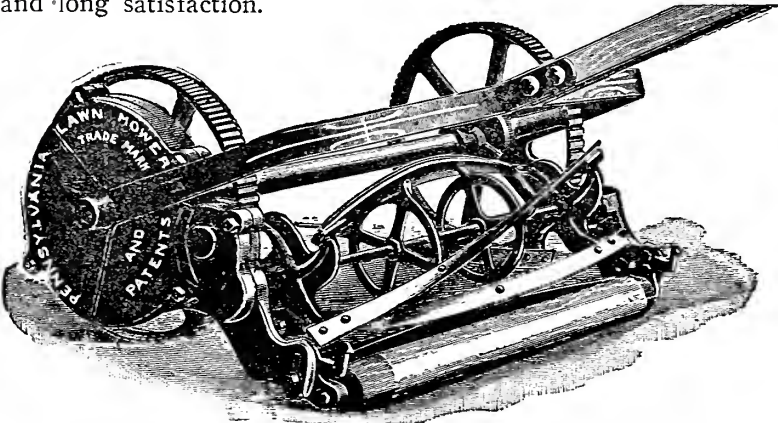
	Price
No. 1 (see cut), 1 1/4-in. tire wheels	\$8.00
No. 1 " " " " "	10.00
No. 2 with side boards, 1 1/4-in. tire wheels	9.50
No. 2 " " " " "	12.00

All prices subject to market changes

PENNSYLVANIA
Quality

LAWN MOWERS

All mowers shown on this page are "Pennsylvania Quality," which means crucible steel blades, self-sharpening, easy running and long satisfaction.

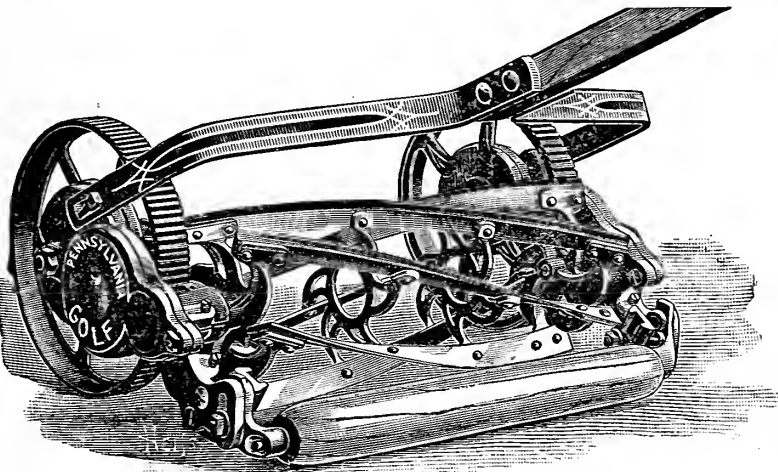


PENNSYLVANIA LAWN MOWERS

Low wheel, 8-inch diameter.	High wheel, 10½-in. diameter.
10-inch .....\$6.50	15-inch .....\$12.00
12-inch 7.50	17-inch 13.50
14-inch 8.50	19-inch 15.00
16-inch 9.50	21-inch 16.50
18-inch .....10.50	

PENNA. JR. BALL BEARING MOWERS

8-inch or low wheel, 5-blade cylinder, 5½-inch diameter.	
12-inch .....\$8.50	16-inch .....\$10.50
14-inch 9.50	18-inch 11.50
10-inch or high wheel, 5-blade cylinder, 6-inch diameter.	
15-inch .....\$13.00	19-inch .....\$16.00
17-inch 14.50	21-inch 17.50



PENNSYLVANIA GOLF LAWN MOWER

Used on many of the world's famous golf courses—will cut to ⅛ of an inch.

BALL BEARING

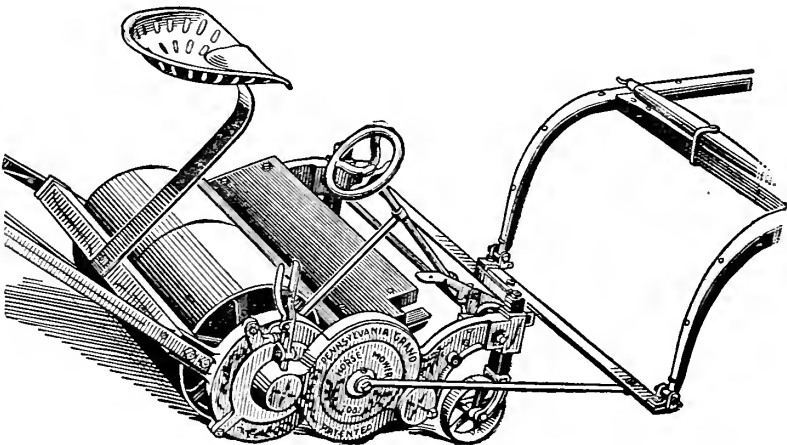
8-inch Wheel, 6 Blades.	9½-inch Wheels, 7 Blades.
14-inch .....\$14.00	17-inch .....\$20.00
16-inch 16.00	19-inch 22.00
18-inch 18.00	21-inch 24.00

PLAIN BEARING

8-inch Wheels, 6 Blades.	9½-inch Wheels, 6 Blades.
14-inch .....\$12.00	17-inch .....\$16.50
16-inch 13.50	19-inch 18.00
18-inch 15.00	21-inch 19.50

CONTINENTAL LAWN MOWERS

High wheel, 9½-inch diameter.	Low wheel, 7¼-inch diameter.
15-inch .....\$12.00	10-inch .....\$6.50
17-inch 13.50	12-inch 7.50
19-inch 15.00	14-inch 8.50
21-inch 16.50	16-inch 9.50
	18-inch .....10.50



PENNSYLVANIA GRAND HORSE MOWER

Extra wide blades, self-sharpening, heavy rollers, and many distinctive features to recommend it to particular people.

	4-blade cylinder	6-blade cylinder
30-inch cut, with draft iron, no seat or shafts,	\$65.00	\$73.00
38-inch cut, " " " " " "	85.00	93.00
30-inch cut, with seat and shafts, as illustrated	77.00	85.00
38-inch cut, " " " " " "	100.00	108.00

PENNSYLVANIA HORSE LAWN MOWER

Self-Sharpening. 4 and 6 Knives.

30-inch, with draft irons only	\$60.00
30-inch, with seat and shafts and side draft attachment	72.00
38-inch, with draft irons only	78.00
38-inch, with seat and shaft and side draft attachment	90.00

Freight prepaid free on all Pennsylvania Horse Mowers shipped new from factory within a radius of 100 miles.

The above prices are for four-blade mowers; if six-blade mowers are desired, add \$8.00 to the price of each machine.

Forward Delivery Grass Box, for 30-inch mower.....\$18.50

Forward Delivery Grass Box, for 38-inch mower..... 21.50

WEED BUCKLER or high grass attachment, for 30-inch machine, \$22.00; for 38-inch machine, \$25.00.

PENNSYLVANIA PONY LAWN MOWER

This machine is also designed for two men where a horse or pony is not available. Cuts a swath 25 inches wide. Fitted with a wooden roller in the rear.

Prices: 4-blade cylinder, \$30.00; 6-blade, \$36.00.

Grass Catcher for Pennsylvania Pony Lawn Mower, \$3.00 each.

GREAT AMERICAN BALL BEARING MOWERS

10½-inch wheel.	5-blade cylinder.
15-inch .....\$9.50	19-inch .....\$11.50
17-inch .....10.50	21-inch .....12.50

NEW DEPARTURE LAWN MOWERS

9½in. wheel, 4-blade cylinder.	7-inch wheel, 3-blade cylinder.
15-inch .....\$7.25	12-inch .....\$4.50
17-inch 7.75	14-inch 4.75
19-inch 8.25	16-inch 5.25

ELECTRA LAWN MOWERS

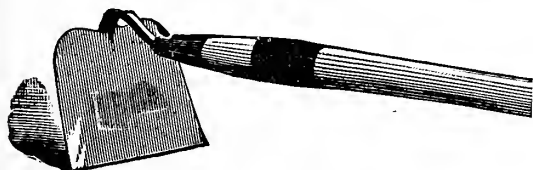
9-inch wheel, 4-blade cylinder.	8-inch wheel, 3-blade cylinder.
14-inch .....\$4.75	10-inch .....\$3.25
16-inch 5.00	12-inch 3.50
18-inch 5.25	14-inch 3.75
	16-inch 4.00
	18-inch 4.25



HALF MOON HOES

Best steel, solid sockets, which will not pull out.

3-inch	.....	\$0.35
4 "	.....	.40
5 "	.....	.45
6 "	.....	.50
7 "	.....	.55
8 "	.....	.60

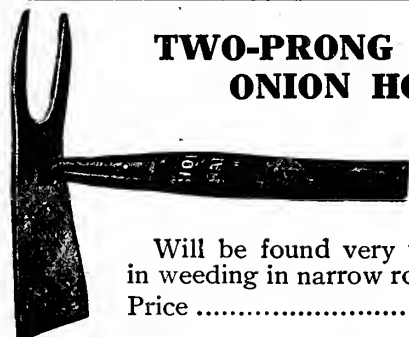


SQUARE HOES

6-inch, solid shank	.....	\$0.45
7 " " "	.....	.50
8 " " "	.....	.55

SQUARE CELERY HOES

10-inch	.....	\$0.80
14-inch	.....	\$1.25



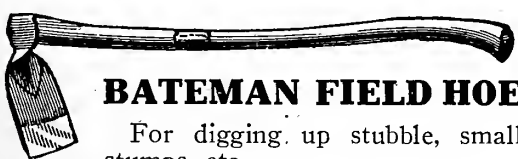
TWO-PRONG ONION HOE

Will be found very valuable in weeding in narrow rows.
Price\$0.45



WARREN HOES

Excellent tools for making drills preparatory to sowing of seed. The back can be used for covering.
Small\$0.65 | Large\$0.75



BATEMAN FIELD HOE

For digging up stubble, small stumps, etc.

5½-inch blade, each	.....	\$1.00
6½ " " "	.....	1.15
8 " " "	.....	1.30



TOMATO TRANSPLANTING HOE

Avoids kneeling when planting.
Made of best steel. Price, 50c



SCUFFLE HOES

Made of best English steel.

4-inch	.....	\$0.50	7-inch	.....	\$0.70
5-inch	.....	.55	8-inch	.....	.75
6-inch	.....	.65	10-inch	.....	1.00



THE HILTON HOE

This is the best garden hoe for weeding ever offered. It works both ways and there is no lost motion, does very quick work. 8 inch blade.

Price70c.



BRUSH OR BRIAR HOOK

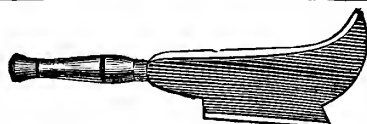
Steel cutting blade, long handle.

Price\$0.60



STEEL HEDGE KNIVES

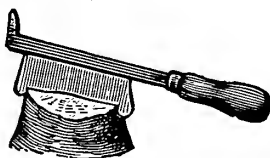
For cutting heavy brush, shrubbery, hedge, etc. Made of the finest steel with a slight hook on blade. Each \$1.00.



ENGLISH BILL HOOKS

For trimming heavy shrubbery, trees, etc.

Short handle	.....	\$1.25
Long handle	.....	2.00



GRAFTING TOOL

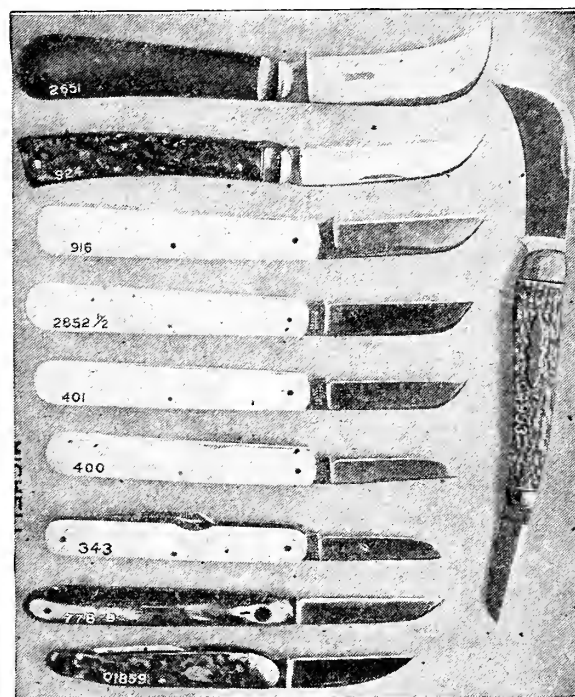
Best English steel for grafting trees, etc.
With Wood Handle\$0.75
With Steel Handle60



GRAFTING WAX

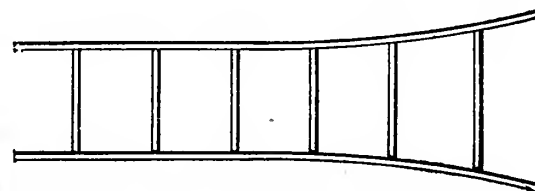
¼ lb., 10c.; 15c. ½ lb.; 1 lb., 25c.;
\$1.10 per 5 lbs.

Our Garden Tool Department we believe to be the most fully equipped of any seed store in the United States. Most every tool of real merit for garden work will be found here, and of the best quality.



HORTICULTURAL KNIVES

No.			
400.	Saynor Budding, 1 blade	.....	\$1.50
401.	" " 1 "	.....	1.50
343.	" " 2 "	.....	1.75
778B.	German " 1 "	.....	.75
916.	English " 1 "	.....	1.50
01859.	American Budding and Pruning, 2 blades	.....	1.25
04993.	American Budding and Pruning, 2 blades	.....	1.00
2852½.	American Budding, 1 blade	.....	1.15
924.	English Pruner, 1 blade	.....	1.15
1751.	American Pruner, 1 blade (See old No. 2651)	.....	.60
727W.	German Budding, 2 blades	.....	1.25

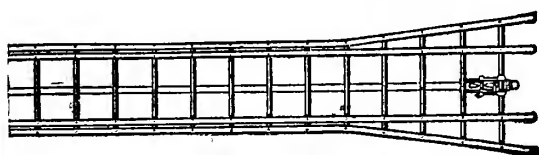


SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds.

10 ft.	.....	\$1.80	16 ft.	.....	\$2.80
12 ft.	.....	2.15	18 ft.	.....	3.10
14 ft.	.....	2.45	20 ft.	.....	3.40

Larger sizes at 17c. per foot.



EXTENSION LADDERS

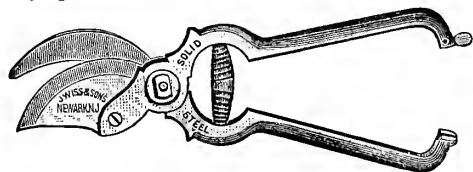
These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys.

16 ft.	.....	\$4.80	26 ft.	.....	\$7.80
18 ft.	.....	5.40	28 ft.	.....	8.40
20 ft.	.....	6.00	30 ft.	.....	9.00
22 ft.	.....	6.60	32 ft.	.....	9.60
24 ft.	.....	7.20	34 ft.	.....	10.20

36 to 44 ft. size at 28c. per foot. Longer sizes at 40c. per foot.

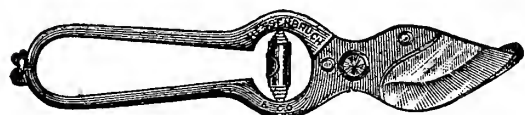
PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and Europe and but 03 are fully guaranteed in every particular.



No.	Wiss Pruning Shears	
109	Wiss, 8 in.	\$2.00
190	Henckle, 7½ in.	1.25
200	" 8½ in.	1.50
210	" 9½ in.	1.75
	Searight (Compound)	1.75

The Henckle patterns are equipped with a ratchet nut which takes up all wear and allows the shear to make a perfect cut at all times.



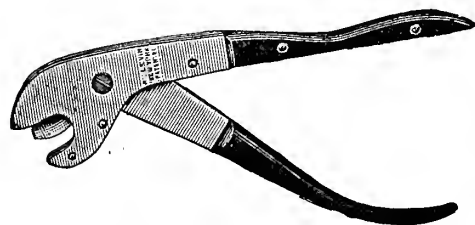
88	Hessenbruch, 8 in.	\$1.10
1537	German, 8 in.	.65
03	American, 8 in.	.40
23	Ladies' nickeled, 4½ in.	.80
23	" " 5½ in.	.90
23	" " 6½ in.	1.10



FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, small, 7 inch	\$1.25
" large, 8½ inch	1.50



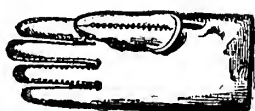
LEVIN PRUNER

On account of its peculiar construction, the handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 70c.

Spiral Springs for Pruning Shears. 10c. each; per doz., \$1.10.

Springs for French Pruning Shear. 25c.

LEATHER PRUNING GLOVES



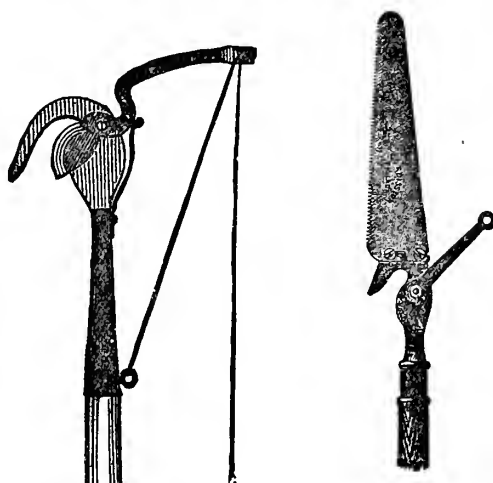
Buckskin, pair	\$1.50
Ordinary, pair	1.25
Buckskin, with gauntlets, pair	2.00

FLY NUTS



For Hedge Shears, 30c. each.
 The Fly Nut feature of a hedge shear enables the wear to be taken up instantly by merely tightening the same.

TREE PRUNERS



Disston's Pole Pruner

Pruner and Saw

Disston's Little Giant. (See cut) \$1 10
 Disston's Little Giant. With saw attachment. (See cut) 1.50



TELEGRAPH TREE PRUNER

Price, \$1.00.

HESSENBRUCH TREE PRUNER

No.	Price
5340	\$1.25
1820	2.50
1806	1.75
1805	.75



WATERS TREE PRUNERS

With removable cutting blade and pole complete.

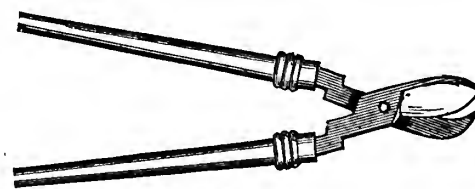
4 feet	\$0.75
6 "	.85
8 "	1.00
10 "	1.15
12 "	1.25
14 "	1.50

Extra Blades for Waters Pruners, 25c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

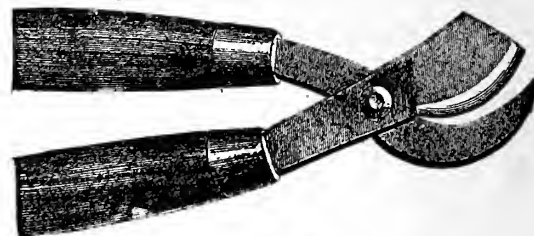
POLES for Tree Pruners.

12 feet long, 1¼ inches diameter	\$0.45
14 " 1½ " "	.80
16 " 1½ " "	1.00



SAYNOR LOPPING SHEARS

For tree and heavy hedge pruning. Made of the finest English steel, \$3.50 each.

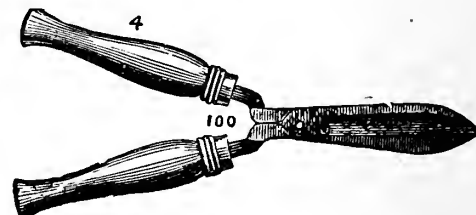


LOPPING SHEARS

These are used in trimming trees and for cutting heavy hedge that the regular hedge shear will not cut.

Rockdale Style. See cut \$1.00

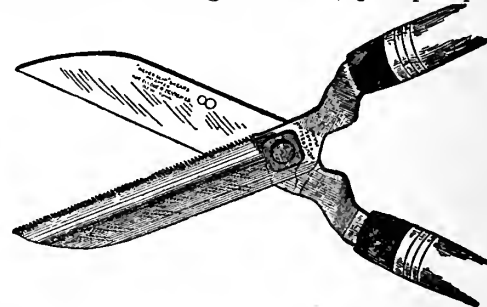
Clipper Style. Equipped with a lever blade and made of the finest American steel 2.00



ENGLISH HEDGE SHEARS

No.	Plain Bolt Each	Fly Nut Bolt Each
107-5½ inch, Ladies'	\$1.00	
101-8 "	1.50	\$2.00
101-9 "	1.75	2.25
101-10 "	2.00	2.50
101-12 "	2.50	

Handles for Hedge Shears, 50c. per pair.



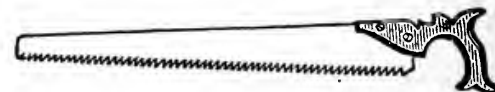
HEDGE SHEARS

Neverslip Style

As may be seen by the illustration these shears have a saw edge on one blade which prevents them from slipping when cutting, made of the best quality English steel.

8 inch	\$1.80
9 "	2.25
10 "	2.50

PRUNING SAWS



16 inch, single edge	\$0.70
18 " " "	.80
20 " " "	1.00
22 " " "	1.25



18 inch Duplex (double edge)	\$0.85
20 " " "	1.15
14 " California Curved Pattern	.65
16 " " "	.75

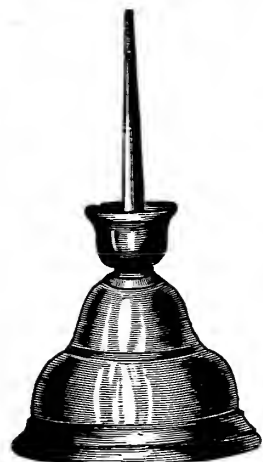
LAWN MOWER OIL



Pure oil that will not gum or get sticky is an essential for the satisfactory running of every mower. The oil sold by us has been selected with this point in view.

Prices: Per pint, 20c.; 35c. per quart; per 1/2 gal., 60c.; \$1.00 per gal.; 5 gals., \$4.00.

Lawn Mower Oil cannot be mailed.



OIL CANS

No.	
144, Zinc	.....\$0.20
13, Bronzed steel	.35
164, Brass	.... .40

EMERY

For sharpening Lawn Mowers. Price, 14c. per lb. (by mail, 30c.); 10 lbs., \$1.25.



FLAT FILES

For sharpening lawn mowers, etc.	
8 inch	.....\$0.20
10 inch	......25
12 inch	......30



SCYTHES

American, Little Giant, 32 inch	.....\$0.90
" " " 34 "	..... 1.00
" " " 36 "	..... 1.10

Little Giant Brush or Briar 1.00
The Little Giant is the best American-made scythe. It is excellent for field and heavy grass work.

English, 32 in., rivet back, Lawn Style.	\$1.25
" 34 " " " " "	. 1.25
" 36 " " " " "	. 1.35
" 38 " " " " "	. 1.35
" 38 " solid " " " "	. 1.50

The English Scythes are best for fine grass or lawn work.



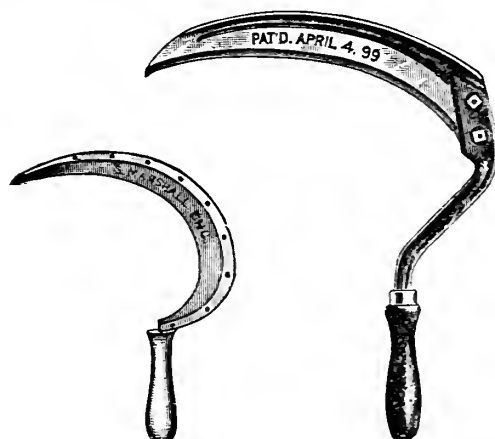
SCYTHE STONES

	Each	Doz.
Talacre, Imported (English).	\$.15	\$1.70
Darby Creek	.....	1.25
Carborundum. Very fine quality	......25	2.50



SCYTHE HANDLES, Etc.

Made of hard wood, well finished.	
Regular Scythe style	.....\$0.75
Bush	......85
Snath Clips	......15

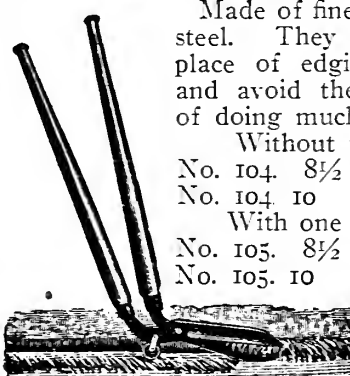


English Little Giant SICKLES or GRASS HOOKS

English Rivet Back, No. 3	.....\$0.60
" " " " 2	..... .50
" " " " 1	..... .50
" Solid " " 2	..... .50
Dutch, small, " " 1	..... .30
" large " " 2	..... .35
Little Giant	..... .50
Village Smithy, solid steel	..... .50

The Little Giant sickle is collapsible, therefore convenient for carrying about.

LAWN BORDER SHEARS



Made of finest English steel. They take the place of edging knives, and avoid the necessity of doing much stooping.

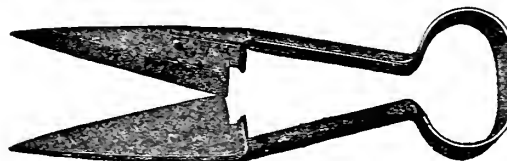
Without wheel.	
No. 104 8 1/2 in.	..\$2.00
No. 104 10 "	.. 2.50
With one wheel.	
No. 105 8 1/2 in.	..\$2.50
No. 105 10 "	.. 3.00

LAWN BORDER SHEARS



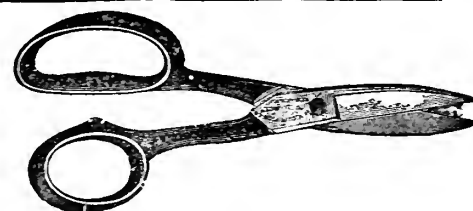
For trimming under shrubbery, fences and other out of the way places.

No. 1062, 8 1/2 in. blade, long handle,	\$2.50.
Handles for Border Shears, \$100. per pair.	



GRASS SHEARS

No.	
3075, 6 inch, English	.....\$1.00
3075, 7 " " "	..... 1.25
360, 6 " " "	..... .75
357, 6 " American	..... .60
119, 7 1/2 " Saynor Pattern, in-side spring	..... 1.50
119, 7 1/2 inch, Saynor	..... 1.75
273, American	..... .35



WIRE AND TIN SHEARS

8 inch, used for cut flower wire etc. \$.075
10 inch, Berlin, used for heavy wire and tin 1.10

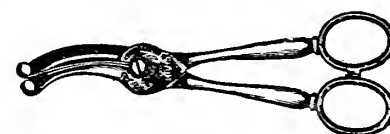
ENGLISH BOW SHEARS



Bow Scissor

For cutting and trimming flower bushes and shrubbery.

No. 3790, 5 inch	.....\$1.10
No. 3790, 6 "	..... 1.20
No. 3790, 7 "	..... 1.30



CUT FLOWER GATHERER

Cuts the stem and holds it without crushing. The heel of the blades cut thin wire. 6 inches long\$1.00

FLOWER SCISSORS

Cuts flower and holds the stem. Nickeled, \$1.00



GRAPE SCISSORS

No. 3794, 6 inch	.....\$0.80
No. 3794, 6 1/2 "	..... .90
No. 3794, 7 "	..... 1.00
No. 3794, 8 "	..... 1.10



CROSS CUT LOG SAWS

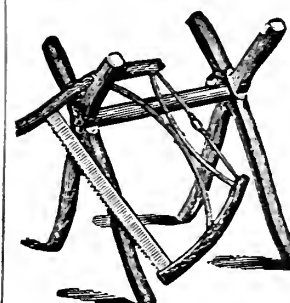
Great American style, of best steel.
One Man, 3 1/2 ft. blade\$2.00
Two Man, 5 ft. blade 2.50



CARPENTER SAWS

When ordering state if rip or cross cut is wanted.

No. 8—26 inch blade	.....\$1.85
No. 8—28 inch blade	..... 2.00

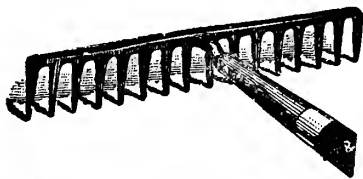


BUCK SAW

Each\$0.85

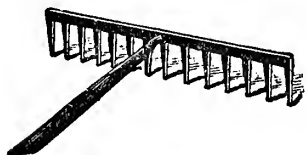
SAW-HORSE or WOOD BUCK

Each\$0.60

**STEEL GARDEN RAKES**

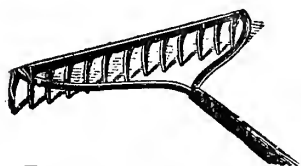
Made of best cast steel, with long teeth for penetrating the ground.

5 tooth	\$0.35	12 tooth	\$0.55
6 " .....	.45	14 " .....	.60
8 " .....	.45	16 " .....	.65
10 " .....	.50		

**STEEL GRAVEL RAKES**

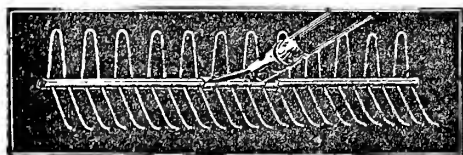
These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

12 tooth	\$0.55	16 tooth	\$0.65
14 " .....	.60	18 " .....	.70
20 tooth	\$0.80		

**STEEL BOW RAKES**

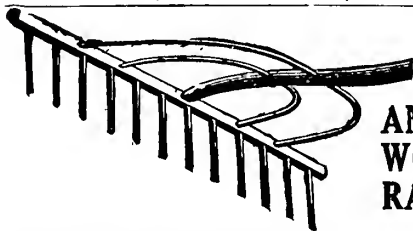
Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

11 tooth	\$0.60	13 tooth	\$0.65
15 tooth	\$0.70		

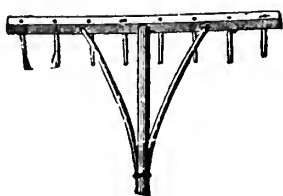
**GIBBS OR LAWN QUEEN RAKE**

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth	\$0.50	36 tooth	\$0.75
42 tooth	\$1.00		

**AMES WOODEN RAKES**

14 tooth with wood bows.	For hay, etc.	\$0.55
24 " " " "	" lawns	.70
24 " " steel "	" "	.80

**WOODEN HAY AND LAWN RAKES**

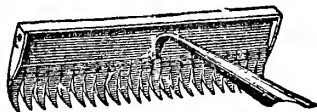
Made of best material, braced with wire rods.

14 tooth, oak, all wood.....	Each,	\$0.50
14 " hay, wire braced....	"	.30
20 " field, wire braced....	"	.35

**OLE OLSEN LAWN RAKES**

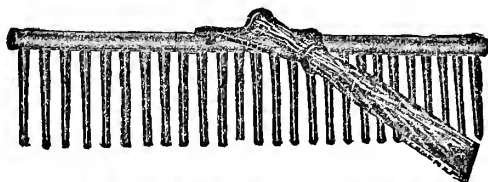
This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26 tooth, hickory wood. Price, 50c.

**DAISY RAKE**

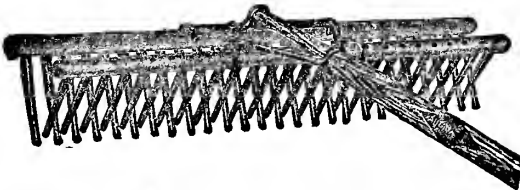
For removing dandelion and other obnoxious growth from lawns and fields. Made of finest English steel.

16 tooth\$3.00 | 20 tooth\$3.50

**LAWN KING RAKES**

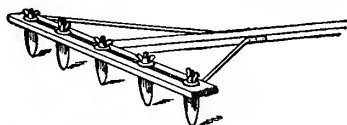
Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

22 tooth	\$0.40	38 tooth	\$0.75
26 tooth ....	.50	50 tooth	1.00

**AUTOMATIC LAWN RAKE**

This rake is fitted with an unloading head. While raking this head lies forward, and upon pressing the rake forward the unloading head moves backward cleaning out the raking head entirely.

22 tooth	\$0.60	38 tooth	\$1.00
26 tooth ....	.70	50 tooth	1.50

**MARKING RAKES**

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to 4½ ft. Price, \$5.50. (Extra teeth, 50c each.)

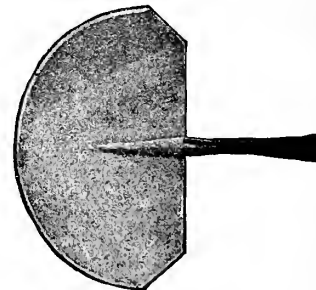
HOE AND RAKE (COMBINED)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

4-prong	\$0.50
6 " .....	.60

**LAWN SHOVEL AND EDGER**

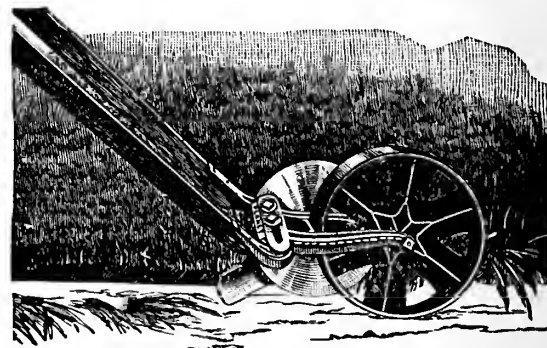
The most perfect tool for cleaning out and edging up the sides of cement walks. This is the only tool of its kind found so far to be practical. It is made of the best steel, is very sharp and can be resharpened readily when dull. Price, \$1.00 each.

**EDGING KNIVES**

For trimming edges of paths, drives, flower beds and borders.

American	\$0.60
English, 8 inch	1.50
English, 9 inch	1.75
McNiece make, 8 inch	1.00
McNiece make, 9 inch	1.10

The above prices include handles.

**PLANET JR. GRASS EDGER**

The Planet Jr. Grass Edger will edge either straight or curved work, paths, drives, open borders or flower beds, doing the work well and rapidly. Price, \$5.75



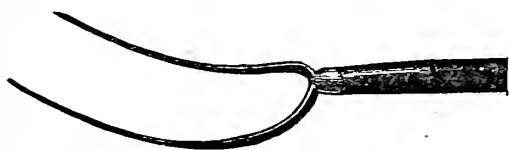
SPADING FORKS

Strapped shanks, short or D-wood handle.
Made of best quality steel.
Men's, 4 tine\$1.00
" 5 " 1.15
Boys' or Ladies', 4 tine60



MANURE FORKS

Strapped shanks, short or D-wood handle.
4 tine, light, 85c.; 4 tine, heavy, \$1.35;
5 tine, medium, \$1.25; 6 tine, medium,
\$1.35. Strapped shanks, long handle, 4 tine,
90c.; 5 tine, \$1.10.



STEEL HAY FORKS

Equipped with strapped shanks.
2 Tine 3 Tine
5-ft. handles\$0.80 \$0.90
6 " "90 1.00
7 " " 1.00 1.10

HICKORY STABLE FORKS

Excellent to use for tossing straw or
litter in stables. No danger of injuring
animals by sticking. Prices: 3 tine, long
handles, 85c.; 4 tine, long handles, \$1.00.



MANURE DRAGS

For manure, potatoes,
etc. 4 tine, flat, 60c.;
6 tine, flat, 80c.



IMPLEMENT HANDLES

	Each
Axe	\$0.20
Spade, plain .....	.35
Fork Spading, plain .....	.35
" Manure " short .....	.35
" " " long .....	.25
" Hay " .....	.20
" Boys' " .....	.25
Shovel, short " .....	.35
" long " .....	.25
Spade, short " .....	.35
" long " .....	.25
Hoe " .....	.10
Rake, Garden " .....	.10
" Lawn " .....	.10
Pick or Mattock " .....	.25
12 foot Poles .....	.45
14 " " .....	.80
16 " "	1.00

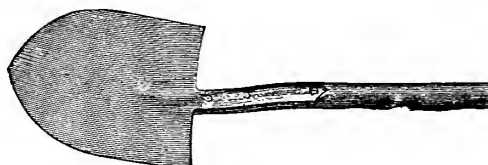


SHOVELS

We handle only the very best makes
of steel shovels. Every one is guaran-
teed to give entire satisfaction.

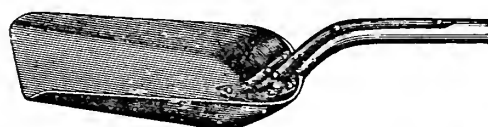
Short Handle

Ames, round point	\$1.25
" square point	1.25
Maynard, solid socket, square point	1.40
" " round "	1.40
Imperial, round point	1.00
" square point .....	.90



SHOVELS Long Handle

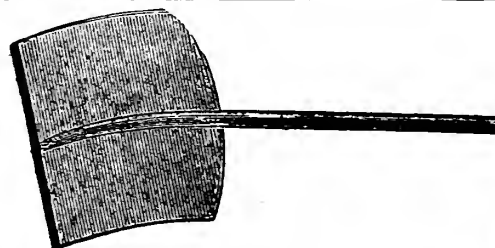
Ames, round point	\$1.25
Imperial, round point	1.00
" square point	1.00
Cotton Belt, round point	1.10
Maynard	1.40



STEEL SCOOP SHOVELS

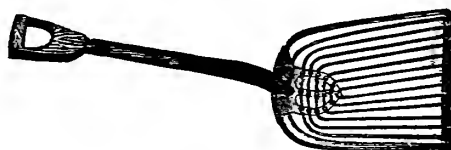
All equipped with strapped shanks,
wood D or short handles.

No. 2, 10 inch mouth	\$0.90
" 3, 11 " "	1.00
" 4, 11 1/2 " "	1.10
" 5, 12 " "	1.15
" 6, 13 " "	1.20



SNOW SHOVELS

Adams, wood (see cut), wood-D handles	\$0.60
Phillips, wood, long handle .....	.50



POTATO SCOOP

Wire, made of heavy steel wire
very substantial\$1.75



STEEL CLAW HAMMERS

Price, 60c. each.



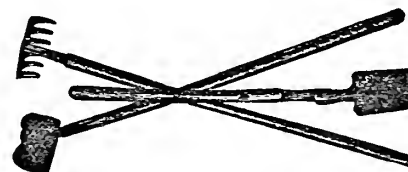
Maynard Spade—One Piece Socket
and Spade

STEEL SPADES

Ames	\$1.25
Maynard	1.40
Imperial	1.10
Long Handle	1.00
Nursery	1.75
Drain	1.35
Boys' .....	.85



Drain Spade



GARDEN SETS

For ladies and children, in fact they are
suitable for the country gentleman, con-
sisting of 1 hoe, 1 rake and 1 spade. Whit-
tington & Cooley make, of very best steel,
per set, \$1.00. Small size, 50c per set.

No. 275. English Turf Iron. For lift-
ing sod, \$3.50.



MEHLER'S HANDY GARDENER

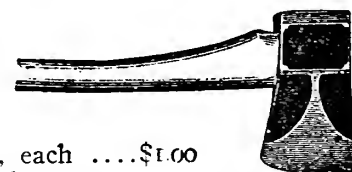
An entirely distinct tool 5 1/2 in.
wide with a special handle 4 1/2 ft.
long; entire weight 2 lbs.

Note the special arrangement
of the 5 teeth, which allows culti-
vation closer to the plant than any
other device, and at the same time
on three sides at one stroke; you
being in a comfortable standing
position.

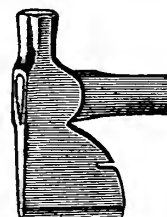
No hoe is needed where this
tool is used; just the thing for
working among flowers and
young vegetable plants. Send
for descriptive
circular.

Price, 85c.

BEST QUALITY AXES



Kelly, medium, each\$1.00
Kelly, boy's each75

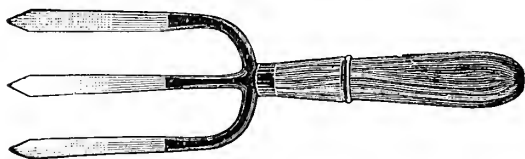


HATCHETS

Blue Jeans, medium..\$0.65
F. R. Plumb, heavy... .70

**LANG'S
HAND
WEEDER**HANDIEST
TOOL
ON EARTH.

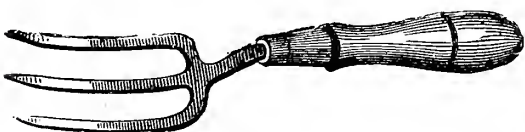
Lang's Hand Weeder, 25 Cents



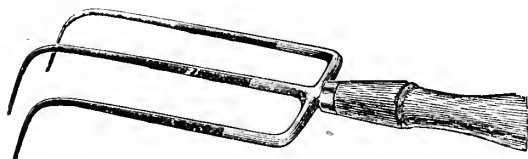
Eureka Weeding Fork, 25 Cents

ENGLISH WEEDING FORK

Very similar to the Eureka, except that it is heavier and of better quality. If you want a weeding fork that will last a lifetime, buy this one. Price, 85c.



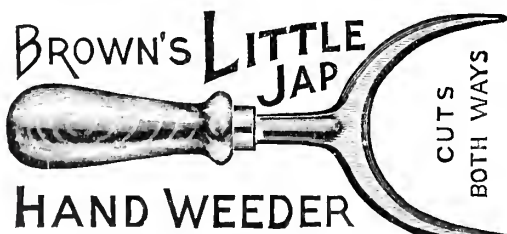
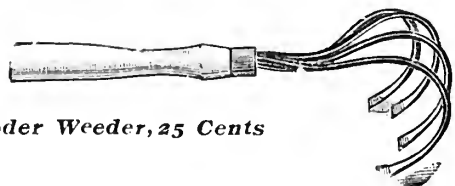
Excelsior Weeding Fork, 10 Cents



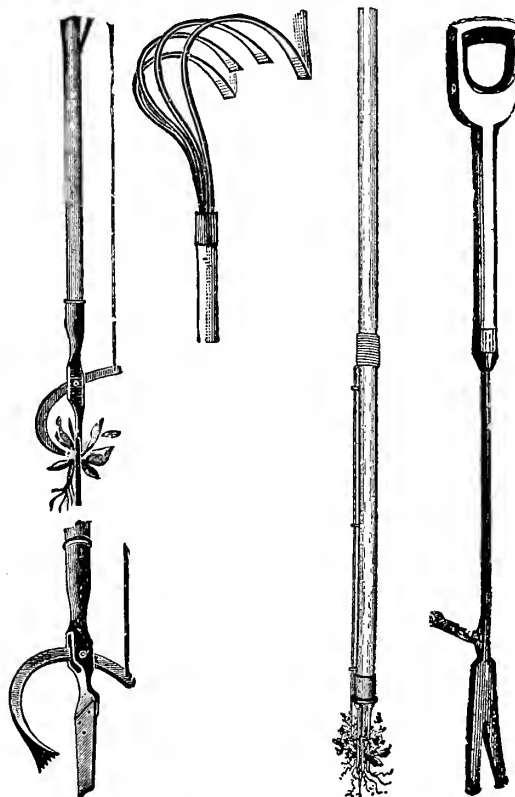
Eureka Weeder, 25 Cents



Excelsior Weeder, 10c.

**BROWN'S LITTLE
JAP
HAND WEEDER**CUTS BOTH WAYS
Little Jap Weeder, 25 Cents

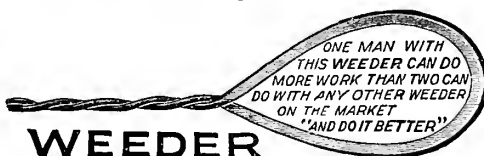
Yoder Weeder, 25 Cents

WEEDERS, Etc.

No. 1 No. 2 No. 3 No. 4

- No. 1 Cleveland Weed Puller\$0.60
No. 2 Yoder Long Handled Weeder .75
No. 3 Champion Weed Puller50
No. 4 Heavy Dock Lifter 2.00

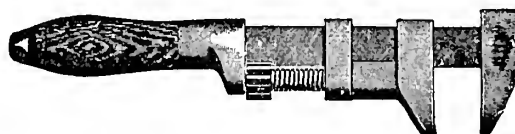
The Cleveland and Champion weed pullers are especially valuable in extracting weeds from lawns. This work can be done very easily standing erect.

**WEEDER**

Easy Weeder, 35 Cents
It works both ways



Hazeltime's Hand Weeder, 25 Cents

**MONKEY WRENCHES**

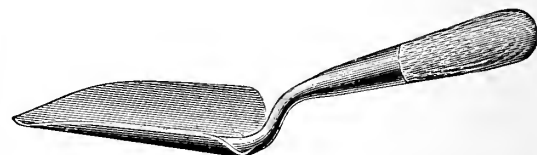
For machinery. Made of first quality hard steel. 8-inch, 60c.; 10-inch steel, 75c.

**SCREW DRIVERS**

- No. 23—Champion, 4 inch blade.....\$0.25
No. 23—Champion, 6 inch blade..... .35
No. 23—Champion, 8 inch blade..... .45

**JOHNSON'S BEST No. 211
STEEL TROWELS**

These are made of one piece steel blade and shank, equal to the imported trowels.
5 inch\$0.40 | 7 inch\$0.60
6 inch50 | 8 inch70

**STEEL SHANK TROWEL**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 6 in. blade. One of them will last a lifetime. 60c. each.

**CLEVES' ANGLE TROWEL**

For getting dandelion, plantain and other weeds out of the lawn, etc.

- 5 in. ..\$0.15 | 7 in. ..\$0.20 | 8 in. ..\$0.25

MISCELLANEOUS TROWELS

- No. 213—5 in., Thin Steel, each.....\$0.10
No. 213—6 in., Thin Steel, each..... .12
No. 213—6 in., Heavy Steel (Never-break)15

**TRANSPLANTING
TROWEL**

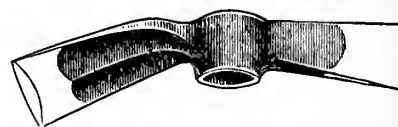
Solid steel shank and blade.
Price\$0.40

**DIBBLES**

For transplanting.
Brass, wooden handle\$0.60
Iron " "40

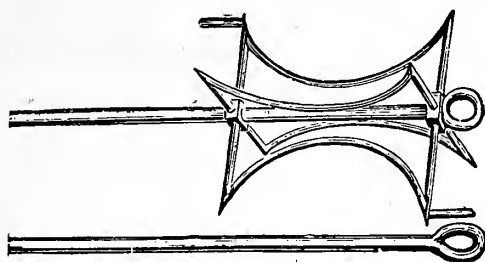
**PICKS**

All steel. Double point, 80c.; axe point, 90c. Price includes handle.

**MATTOCKS**

- Axe pointed (see cut)\$1.00
Pick Pointed 1.00
Half Mattocks or Grub Hoes85
Price includes handle.

All prices subject to market changes



Double Garden Reel

GARDEN REELS

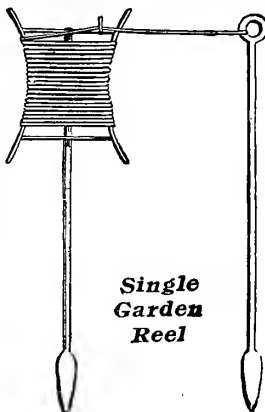
Small, Single ..\$0.50
Medium, Single .. .75
Large, Single .. 1.35
Large, Double . 2.00

GARDEN LINE

Best Italian hemp.

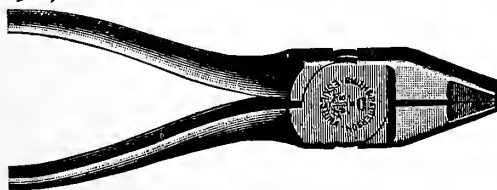
60 ft.\$0.40
90 "60
120 "80
300 " 1.60
100 " braided .. .75

Plow Line Cotton, 45-ft. hanks, 40c.

Single
Garden
Reel**LIQUID MANURE DISTRIBUTER**

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All brass.

Price, \$1.75 each. (By mail postpaid, \$1.90.)

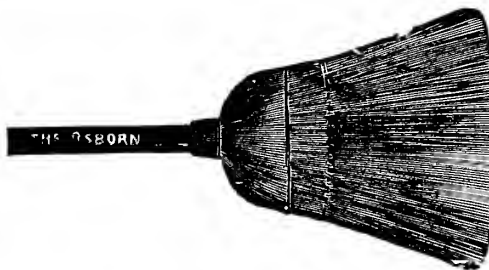
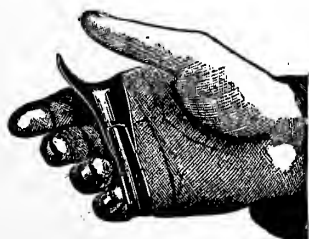
**STEEL PLIERS**

Side Cutting (see cut). 6 inch, 80c.; 7 inch, \$1.00.

Button Pliers. 7 inch, 60c.

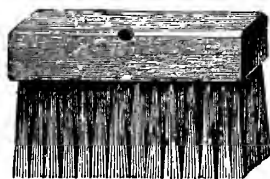
HUSKING PINS

Made entirely of metal and can be adjusted to fit any sized hand. 15c. each; per doz., \$1.60.

**BROOMS**

Each Per Doz.

Japanese Fibre (see cut) ..\$0.60
Corn and Rattan, mixed .. .60
Golf Greens (birch)30 \$3.00
Plain Corn, extra quality .. .45



Rattan Broom

ROAD BRUSHES

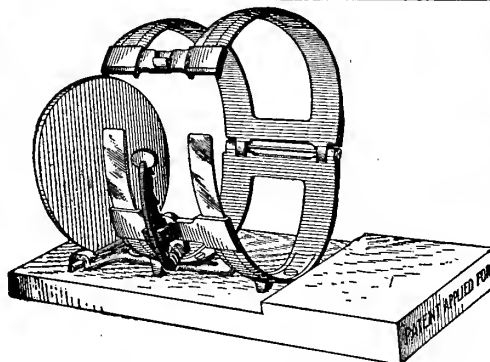
Rattan Push, 14 in. (see cut)\$0.75
" Sweeping60
Bass or Cocoa Push, 14 in.75

TREE OR BARK BRUSHES

For brushing down trees, for removing insects, borers, etc., made of steel.
Price, 8½-inch, 30c.

WHITEWASH BRUSH

Very best quality Clinton make. 7 in., each \$1.35.

**ASPARAGUS BUNCHERS**

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform.

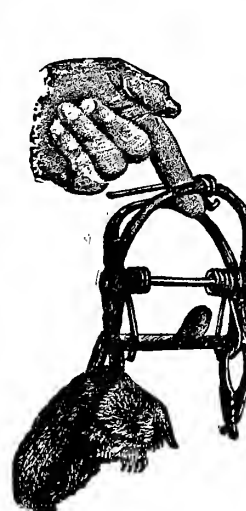
Price, with Knife Guard, \$1.75

**ASPARAGUS KNIVES**

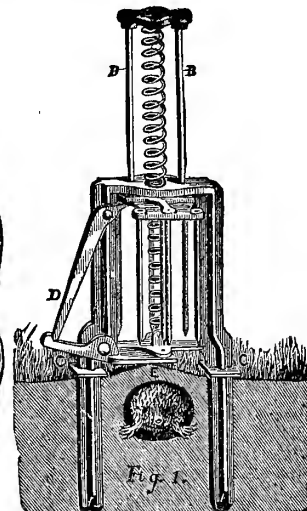
Bateman's (see cut)\$0.30
American. V-shaped blade45

**CORN KNIFE**

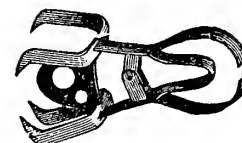
Eureka, bent blade\$0.45



Out-O-Sight



Olmsted



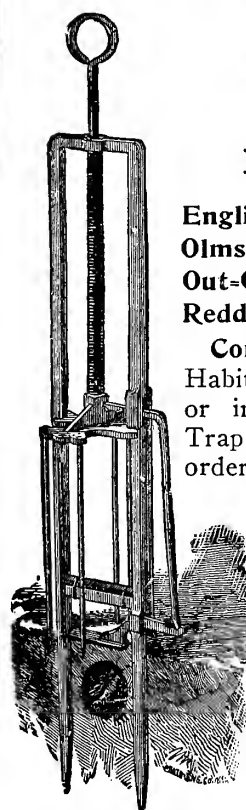
English

MOLE TRAPS

Each

English, for hot beds .. \$0.40
Olmsted 1.50
Out-O-Sight 1.00
Reddick 1.00

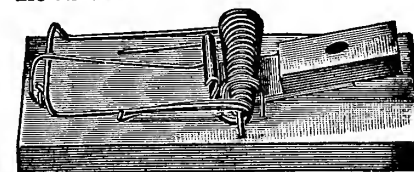
Complete Booklet on the Habits of the Mole mailed free, or included with each Mole Trap if asked for at time of ordering.



Reddick

HOW TO CATCH MOLES

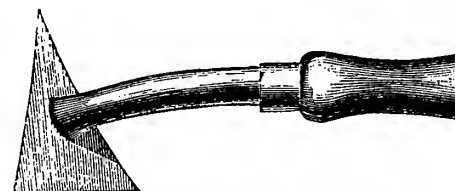
Always press down the mound when setting the trap so that the lever which sets off the trap is level with the ground. Set the trap in the evening as moles usually stir about very early in the morning.



Out-O-Sight Rat Trap

OUT-O-SIGHT TRAPS

The most satisfactory rat and mouse trap. Set off at the least vibration. Each Doz.
Mouse\$0.10 \$1.00
Rat25 2.50

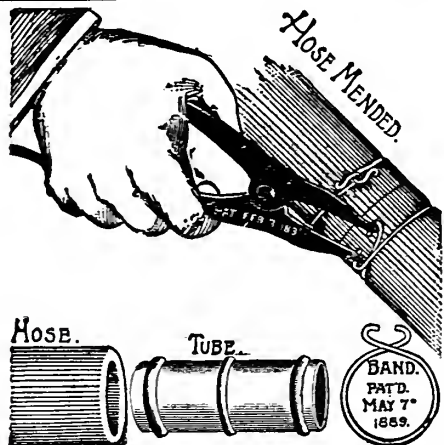
**TREE SCRAPERS**

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, short handled, 60c.; long handled, \$1.00.



HOSE MENDERS

	Each	Doz.
Cooper's— $\frac{3}{4}$ -inch	\$.10	\$1.00
" $\frac{1}{2}$ -inch	.10	1.00
Jones'— $\frac{3}{4}$ -inch (iron)	.05	.50
Hudson's— $\frac{3}{4}$ -inch (brass)	.04	.42
" $\frac{1}{2}$ "	.04	.42



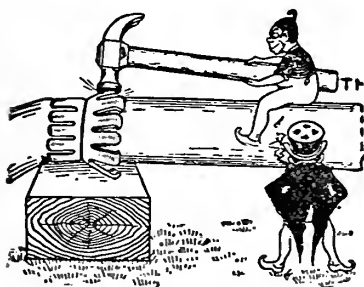
HOSE MENDING OUTFIT

(For $\frac{3}{4}$ -inch Hose)

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands.

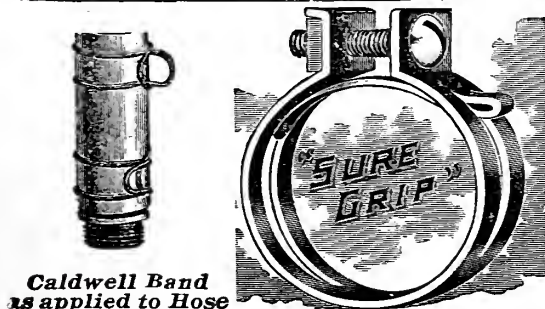
Price: Each. 65c.; by mail, 75c.

THE PERFECT HOSE MENDER



Made entirely of brass, with swivel motion—no band required.

For $\frac{3}{4}$ inch hose, 10c each; doz. \$1.00.



Caldwell Band as applied to Hose

HOSE BANDS

For fastening couplings and menders in hose.

No.	CALDWELL'S	Doz.	100
8—For 3-ply hose	\$.18	\$1.00	
6—For 4-ply hose	.18	1.00	

HUDSON'S

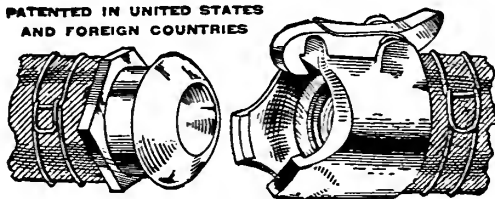
See illustration in Hudson Hose Mender Outfit cut.

$\frac{3}{4}$ -inch	\$.18	\$1.00
1-inch	.20	1.25

SURE GRIP

$\frac{3}{4}$ -inch, 5c. each; per doz., 50c.

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



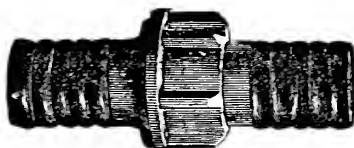
SNAP HOSE COUPLING

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 25c. per pair; doz. pairs, \$2.75.

SNAP COUPLING PARTS

No. 2—Male (see left hand illustration above). 8c. each; per doz., 85c.

No. 1—Female (see right hand illustration above). 17c. each; per doz., \$1.90.



BRASS HOSE COUPLINGS

	Per pair	Doz. pairs
$\frac{3}{4}$ -inch	\$.15	\$1.60
1 " "	.35	4.00

HOSE REDUCERS



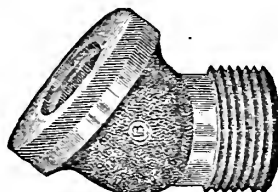
For reducing 1-in. pipe to fit regular $\frac{3}{4}$ -in. hose. All brass. Each40c.

Royal Hydrant

Attachment

To be used for attaching hose to smooth faucets.

Price, 30c.



PLAIN STREAM NOZZLES

For $\frac{3}{4}$ -inch hose, each ...25c., 30c., 35c.

BOSTON SPRAY NOZZLE



These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine, $\frac{3}{4}$ -inch.

Light Copper	\$.60
Heavy Brass	1.00

BOSS HOSE NOZZLES

For $\frac{3}{4}$ -inch hose. Price, 45c. each.



GEM HOSE NOZZLE



$\frac{3}{4}$ -inch hose. Can be regulated to give three different streams. Price, 35c.

PLIERS FOR HOSE BANDS

Caldwell25c. | Hudson25c.



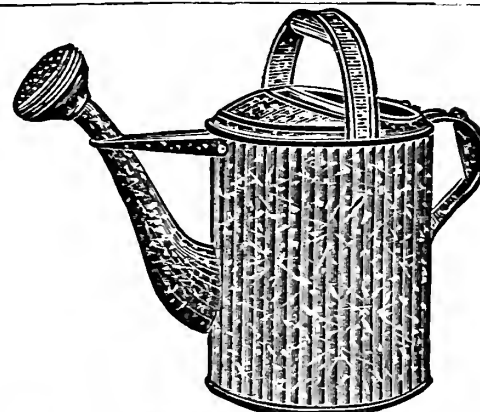
Vermorel Nozzle



SPRAY NOZZLES

Vermorel and Bordeaux, each, 75c.; post-paid, 80c.

The above are fitted for regular $\frac{3}{8}$ -inch couplings. For $\frac{3}{4}$ -inch attachments, add 25c. to the above price.



GALVANIZED WATER CANS

Fine for cemetery purposes and other places where a can is desired to last several seasons.

4 quart	Each, \$0.35
6 " "	.45
8 " "	.55
10 " "	.60
12 " "	.70
16 " "	1.00
20 " "	1.25

LIGHT TIN WATER CANS

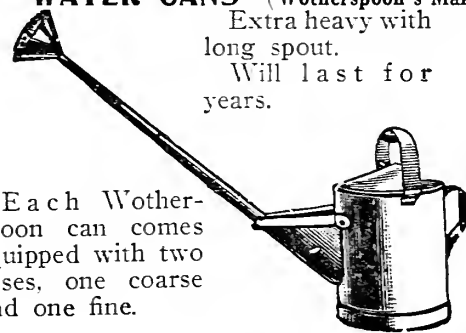
1 quart, painted green	Each, \$0.25
2 " " "	.30
4 " " "	.35

ENGLISH WATERING CANS

No. 2, 4 qt. ...\$2.00	No. 3, 6 qt. ...\$2.25
No. 4, 8 qt. ... 2.50	No. 5, 10 qt. ... 2.75

WATER CANS (Wotherspoon's Make)

Extra heavy with long spout. Will last for years.

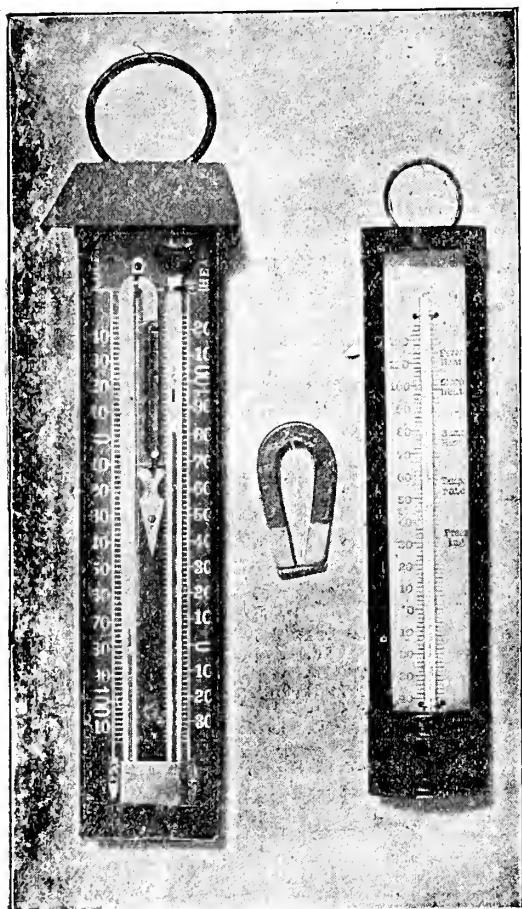


Each Wotherspoon can comes equipped with two roses, one coarse and one fine.

	Round	Oval
2 quart	\$1.15	
4 " "	1.60	
6 " "	1.85	\$2.10
8 " "	2.00	2.35
10 " "	2.25	2.60
12 " "	2.60	2.85
16 " "	3.15	3.50
12 qt. Manure Watering Can	.....\$2.75	
4 qt. Fern or Low Watering Can	... 1.50	

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 35c. each.



THERMOMETERS

FOR GREENHOUSE, CONSERVATORY, Etc.

Maximum and Minimum, registering the coldest and the warmest point during previous evening.

8 inch, \$3.25; 10 inch, \$3.75.

THREE POINT TEST

This thermometer is positively accurate and may be depended upon at all times.

	Each	Doz.
8 inch, Tin Case	\$0.50	\$5.50
10 " " " .....	.65	7.25
12 " " "	1.00	11.00
8 " Copper Case .....	.85	8.50
10 " " "	1.00	11.00

STANDARD

7 inch, Tin Case	\$0.15	\$1.50
8 " " " .....	.20	2.00
10 " " " .....	.25	2.50
12 " " " .....	.30	3.00



MUSHROOM OR HOT BED THERMOMETERS

Iron Point	Each, \$1.25
Brass Point	" 1.50



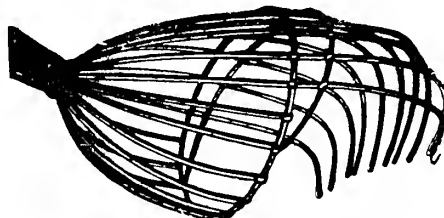
GLASS DAIRY THERMOMETERS

For testing milk, etc., can also be used for soil purposes. 25c. each; per doz., \$2.50.

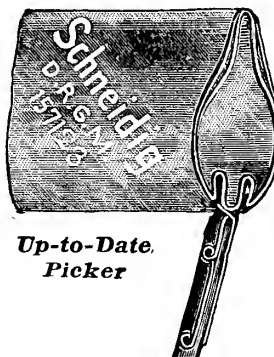
ELECTRIC THERMOSAT AND THERMOMETER

This device can be set to ring an alarm when the temperature goes above or drops below a desired point, absolutely reliable, all brass, Regular style, \$7.00, Waterproof style, \$11.00.

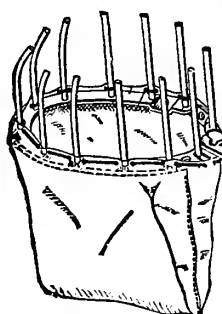
We can also supply Incubator and brooder Thermometers.



The Boss Wire Fruit Picker



Up-to-Date
Picker



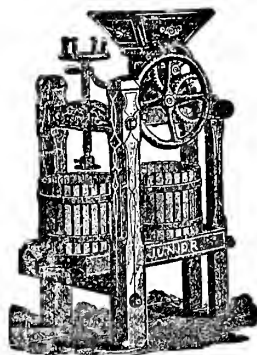
Crider Picker

FRUIT PICKERS

Boss	each, \$0.35
Up-to-Date	" .25
Crider's	" .50

IDEAL FRUIT PICKING BAG

Made of canvas, \$1.00.



Cider Mill

CIDER MILLS

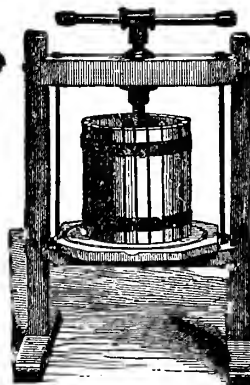
Junior	\$12.00
Medium ...	16.00
Senior	21.00

For

power use 25.00

Gem No. 0. 8.00

" No. 1. 10.00



Wine Press

WINE PRESSES

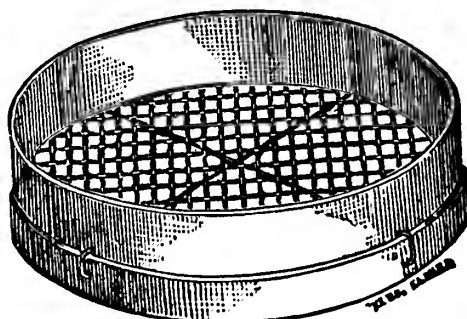
Made of best quality wood, carefully bolted and finished.

No. 1	\$4.00
No. 2	5.00
No. 2½	5.75
No. 3	6.25

GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

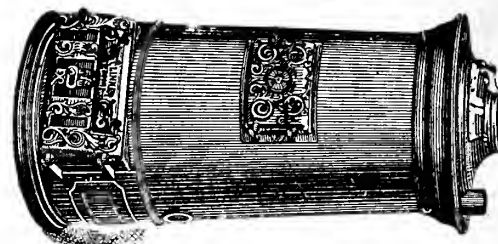
Price\$3.00



SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire and hard wood.

	Each
20 inch Foundry (extra heavy) . . .	\$0.95
20 inch Regular wire . . . . .	.85
18 inch Regular wire . . . . .	.75
16 inch Regular wire . . . . .	.65



HOT WATER STOVES

IDEAL, Jr. (See cut.)

	Direct Radiation	Capacity of Tank	Price
No. 0 ..	75 sq. ft.	100 gallons	\$18.00
No. 10 ..	150 " "	150 " "	27.25
No. 12 ..	175 " "	250 " "	34.00
No. 20 ..	225 " "	300 " "	38.00

CLAD'S IMPROVED

	Capacity of in. Pipe	Radiation	Price
No. 0	150 ft.	50 sq. ft.	\$10.50
No. 1	200 " "	75 " "	13.25
No. 2	400 " "	150 " "	20.00
No. 4	600 " "	300 " "	26.00

Send for full descriptive list on hot water stoves; state which style.

CARRIAGE AND AUTOMOBILE HEATERS



These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

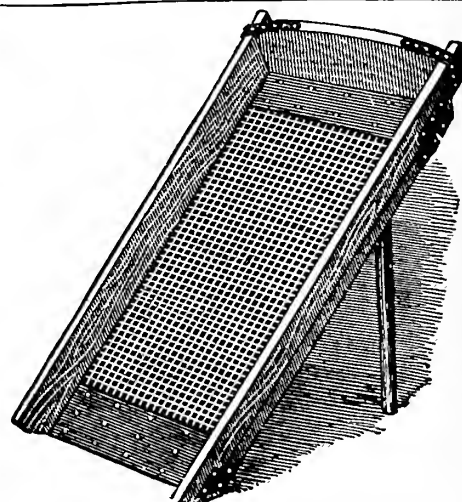
No.	Each
5. Single drawer, 14 in. long	\$2.25
5B. " " " covered	
with Brussels carpet	2.75
5C. Single Drawer, 14 in. long, covered with Velvet carpet	3.00
7B. 20 in., Brussels carpet	4.50
7C. 20 in., with Velvet carpet	5.00
10. Three drawers. (See cut.)	7.25

Coal for Auto Heaters. 75c. per doz.

bricks; per 100. \$6.00.

Tongs for Handling Hot Coals. 25c.

Illustrated circular on request.



Large Upright Sieve for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire. \$7.50 each.

SOD CRUSHER AND SOIL PULVERIZER

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

No. 1	\$11.00	No. 2	\$16.00	No. 3	\$26.00
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PEERLESS GLAZING POINTS

Made of zinc, can be used on right or left hand side of sash bar. 3 sizes.

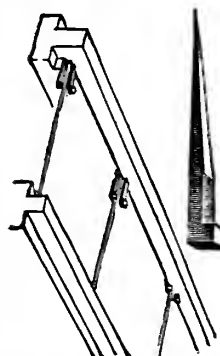
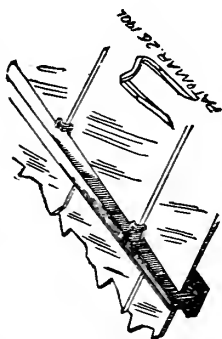
No. 1 for single thick glass.

No. 2 for single thick glass.

No. 2½ for double thick glass.

Price, 60c. per 1000 (by mail, 76c.).

Pincers. For driving Peerless Points. 50c. per pair.



SIEBERT'S ZINC GLAZING POINT

⅝ and ⅞ inches long. 40c. per lb.; 10 lbs., \$3.75.

There are between 1000 and 1200 points in a lb. of the above.

MODEL GLAZING POINTS 45c. per lb.; 10 lbs. \$4.00.

ZINC GLAZING NAILS 20c. per lb.; 10 lbs., \$1.85.

Siebert's Glazing Point



6-Wheel Glass Cutter

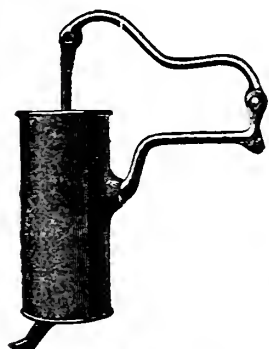
GLASS CUTTERS

Single Wheel, steel, each\$0.15

6-Wheel, steel, each35

Diamond (ebony handle) 3.00

" (cocoa handle), extra large diamond 4.00



Mastica Machine



Putty Distributor

PUTTY BULBS

For distributing putty, mastica, and similar materials.

Price \$1.00

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.

½ gallon\$0.75

1 " 1.35

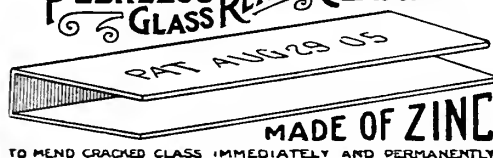
5 " 6.50

MASTICA MACHINE

For distributing mastica, etc. Made of zinc and will last a lifetime.

Price \$1.25

PEERLESS REPAIR CLAMP



MADE OF ZINC
TO MEND CRACKED GLASS IMMEDIATELY AND PERMANENTLY

GLASS CLAMPS

For supporting broken lights of glass. Per box of 100\$1.10

TWEMLOW'S PUTTY

Superior to putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

PRICES

16-lb can\$1.50

50 lbs. 4.50

80 lbs. 7.25

HAMMOND'S GREENHOUSE WHITE

A very superior white lead paint. 1 gal., \$1.90

GRINDSTONES



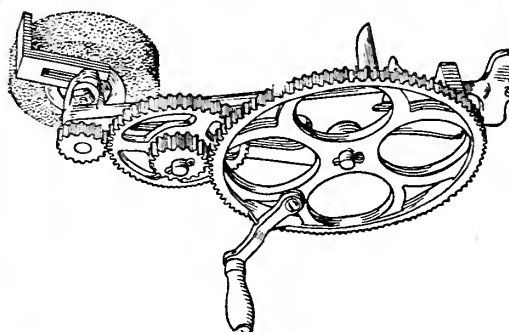
Cleveland Grind Stone

No. 2 Cleveland, 22 inches diam., \$4.50.

No. 3 Cleveland, 19 inches diam., \$4.00.

Bi-Treadle, complete with seat and pedals, \$5.50

The above prices do not include water cups



THE CANTON GRINDER

A handy device for sharpening small tools of all kinds. Made to clamp on a bench or table. Equipped with a carborundum wheel. Price, \$2.00.

MANN'S CORN SHELLER

Excellent for small poultry farms, etc. Ball-bearing, suitable for fastening to a bench, box, etc. Price, \$2.00.

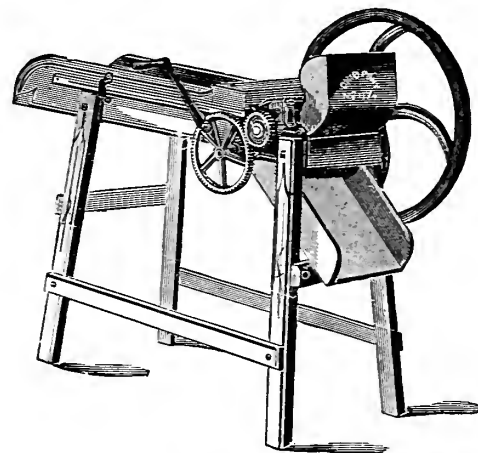
BLACK HAWK CORN SHELLER

For shelling small quantities of corn. \$2.00 each.

PENNSYLVANIA CORN SHELLER

(See illustration opposite.)

Will be found useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out at another. Price, \$7.00



OHIO HAY AND FEED CUTTER

This is considered the finest machine in the market for cutting hay, ensilage, etc.

Price: Single knife machine, \$12.50; \$18.00 for double knife machine.

Model Clover Cutter with stand. \$8.00 each.

Mann's Clover Cutter. Plain, \$8.00; on stand, \$10.00.

Last two are used for poultry purposes only, for cutting clover hay.

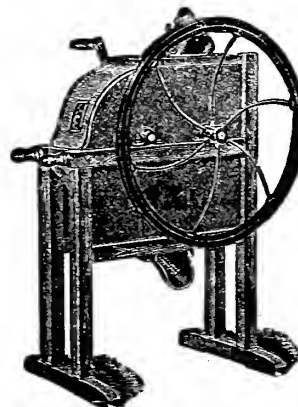


No. 7 Banner Root Cutter

AMES ROOT CUTTER

The knives are fastened on a revolving disc, and the roots come out in long thin strips. The hopper holds about 2 bu. of material. Nicely painted dark green. Price, \$12.00.

BANNER CUTTERS



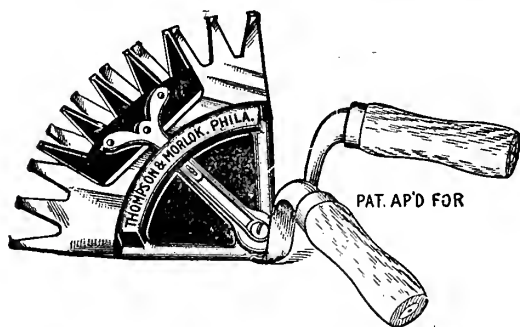
Penna. Corn Sheller

No. 7 (see cut), for poultry, sheep and lambs. Price, \$5.00.

No. 16, for cattle horses etc. Has a large capacity. Price, \$12.00

No. 20, similar to the No. 16, but smaller and suitable for cutting larger quantities. Price \$9.00

P.S.—The Nos. 16 and 20 Banner cutters are equipped with a refuse shaker, the dirt and rubbish dropping on the floor, while the roots when cut fall into a receptacle which can be placed at the mouth of the dropper.

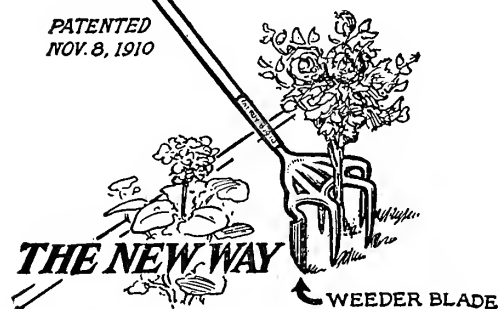


UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer growth of hedge. It works like a charm, and leaves the hedge in better shape than you could with any other shear and does the work in $\frac{1}{4}$ the time. Guaranteed satisfactory; cuts 16-inch swath; \$5.00.

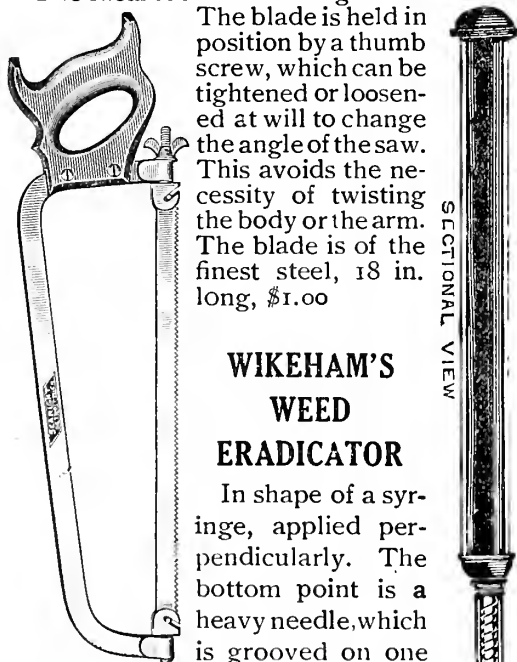
MEHLER GARDENER

An entirely distinct tool, avoids bending the back, works closer to the plant than any other device. No hoe is needed where this is used, just the thing for working among flower and vegetable plants. 85c. each.



Searight Adjustable Pruning Saw

The ideal tool for working within the tree.



The blade is held in position by a thumb screw, which can be tightened or loosened at will to change the angle of the saw. This avoids the necessity of twisting the body or the arm. The blade is of the finest steel, 18 in. long, \$1.00

WIKHAM'S WEED ERADICATOR

In shape of a syringe, applied perpendicularly. The bottom point is a heavy needle, which is grooved on one side, so that each pressure relieves just enough liquid to kill the weed by pushing the needle into its root. Made of oxidized brass; will last a lifetime. Price, \$4.00.

Cilmax Weed Killer. For use with above, enough for 25 gal. \$1.50 Wikham Eradicator

MARATHON TOOL GRINDERS

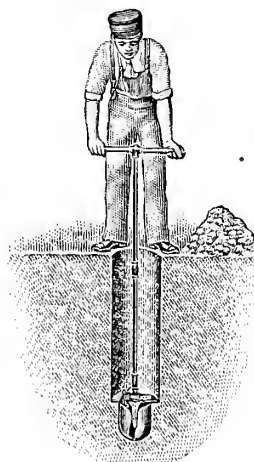
The important point in hand grinders is the power, and from whence it comes. By a combination of cut spur gears and steel cut pinions arranged as we have in the "MARATHON," we obtain a very high speed (the stone travels over five thousand feet a minute) something unheard of before in hand grinding machines. This insures the quickest cutting results from the corundum stone with minimum wear.

- No. 1, wheel $\frac{3}{4}$ x 5 inches \$4.50
 " 2, wheel 1 x 5 inches 5.50
 " 3, wheel 1 x 6 inches 6.50
 " 4, wheel 1 x 7 inches 7.50

If treadle is wanted, add \$1.50 to the above prices.



No. 8 POSTHOLE DIGGER

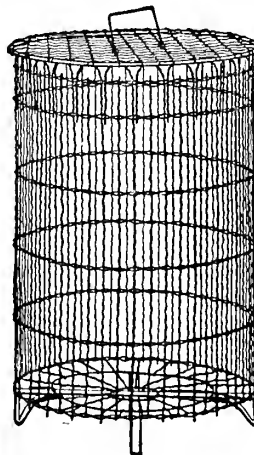


an ordinary digger.

No. 15 Eureka Posthole Diggers, \$1.00 ea.

This is really an earth auger, as will be seen by the illustration; will bore a hole $3\frac{1}{2}$ ft. deep and can be adjusted in diameter from 8 to 14 inches. It can be emptied instantly, it is made of the finest steel and a man with one of these can do 3 times as much work as with

Price, \$3.00.



CYCLONE RUBBISH CONSUMERS

Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property. Will last a life's time.

- No. 1, 20 in. diam. x 30 in. high . . . \$2.50
 No. 2, 17 in. diam. x 25 in. high . . . 1.75
 No. 3, 14 in. diam. x 21 in. high . . . 1.50
 No. 4, 12 in. diam. x 18 in. high . . . 1.25



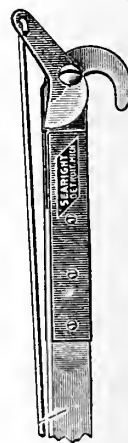
Ideal Dandelion Extractor

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It will be seen that it is not necessary to get down on hands and knees to operate it. The cutting blade of the best steel, equipped with a convenient handle, so that either man, woman or child can use it; 50c. ea.

SEARIGHT TREE PRUNERS

No. 3. As will be seen from the illustration, this is equipped with a compound cutting blade, which reduces the effort in cutting a limb to the minimum. The lever handle is connected to the blade by a rod and the spring always throws the cutting part open to receive a limb. This is the very best tree pruner made, it is actually worth double the price asked for.

- 8 ft. . . \$1.40 | 12 ft. . . \$1.75
 10 ft. . . 1.60 | 14 ft. . . 2.00



No. 3

RHODES DOUBLE-CUT LOPPING SHEAR



For trimming trees, bushes, heavy shrubbery, etc. Makes an absolutely clean, perfect cut, the blades are concaved at the cutting edge, producing with the handles an enormous leverage. They are the easiest-operating Lopping Shears ever made or sold. 24-inch handles.

Price, \$2.50

GREEN TAPERING STAKES

	Each	Doz.	100
1½ feet tapering	\$0.02	\$0.17	\$1.00
2 " " .....	.03	.28	1.70
2½ " " .....	.04	.39	2.40
3 " " .....	.05	.51	3.20
3½ " " .....	.06	.63	4.00
4 " " .....	.07	.75	4.80
5 " " .....	.08	.88	5.60

**ROSE OR DAHLIA STAKES
ROUND TAPERING STYLE**

	Each	Doz.	100
3 feet	\$0.08	\$0.75	\$4.85
3½ " .....	.09	.88	5.68
4 " .....	.10	1.10	6.50
5 " .....	.12	1.25	8.15
6 " .....	.15	1.55	9.80

**GALVANIZED WIRE STAKES
No. 10 Wire, light**

	Doz.	100	1000
2 feet long	\$0.12	\$0.60	\$5.00
2½ " " .....	.15	.75	6.25
3 " " .....	.18	.90	7.75
3½ " " .....	.22	1.10	9.00
4 " " .....	.25	1.25	10.50
4½ " " .....	.30	1.35	12.00
5 " " .....	.35	1.50	13.00
6 " " .....	.40	1.75	14.25

No. 8 Wire, heavy

	Doz.	100	1000
4 feet long	\$0.30	\$1.70	\$14.00
4½ " " .....	.35	1.85	15.00
5 " " .....	.40	2.00	16.00
6 " " .....	.45	2.25	18.00

DOWELS OR STAKES

Length	Diam.	Doz.	100	1000
24 in.	¾ in.	\$0.12	\$0.70	\$5.25
36 "	¼ " ....	.15	.85	6.50
36 "	⅝ " ....	.15	.85	6.50
36 "	⅞ " ....	.15	.85	6.50
36 "	1 " ....	.15	.85	6.50
36 "	1 ⅛ " ....	.20	1.25	9.00
42 "	1 ⅜ " ....	.20	.95	7.50
42 "	1 ½ " ....	.20	.95	7.50
42 "	1 ⅞ " ....	.20	.95	7.50
42 "	2 " ....	.20	.95	7.50
42 "	2 ⅛ " ....	.25	1.35	11.00

The above are plain stakes, if wanted dyed green add 5c. per doz.; 15c. per 100; per 1000, \$1.00 to the above prices.

CANE STAKES

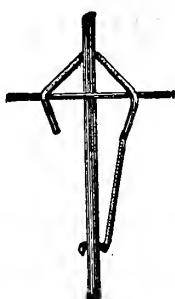
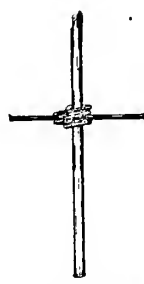
	Doz.	100	250	1000
Southern, 8 to 9 ft.	\$0.25	\$1.00	\$2.25	\$8.00
Japanese, 5 to 6 ft. ....	.25	1.00	2.25	8.00
Japanese, 8 ft. long, very heavy .....	.50	3.50	6.00	22.50

GREEN CANE STAKES

These are treated with a coloring that is permanent, making a very attractive stake for all purposes where it is heavy enough. We have these in 3½ foot lengths only. Price, 15c. per doz.; per 100, \$1.00; \$8.25 per 1000.

HYACINTH STAKES

	Doz.	100	1000
12 inches long	\$0.05	\$0.25	\$1.50
18 " " .....	.08	.40	2.00

**Cort's Stake Fastener****Blake Lock Clip****STAKE FASTENERS**

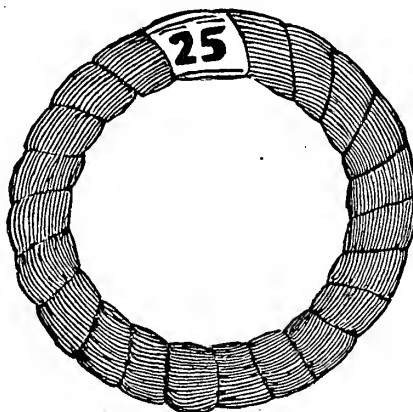
These take the place of string entirely, lasting several seasons, used for fastening cross wires to galvanized stakes.

	500	1000
Blakes. Lock Clips	\$0.85	\$1.60
Corts. Heavy	1.75	3.25
" Light	1.00	1.90

SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

	Each	Doz.	100
1½ feet	\$0.02	\$0.12	\$0.90
2 " .....	.02	.20	1.35
2½ " .....	.03	.30	1.80
3 " .....	.04	.45	3.40
3½ " .....	.05	.55	3.85
4 " .....	.06	.60	4.40
5 " .....	.07	.75	5.50
6 " .....	.10	1.00	6.75

**WIRE**

Price subject to change

GALVANIZED

	lb.	12 lb. Stone
No. 16	\$0.10	\$0.85
No. 18 .....	.11	1.00
No. 19 .....	.12	1.10
No. 20 .....	.13	1.15
No. 22 .....	.14	1.30
No. 24 .....	.15	1.50

ANNEALED

	\$0.08	\$0.70
No. 16		
No. 18 .....	.09	.80
No. 20 .....	.10	.85
No. 22 .....	.11	.90
No. 24 .....	.12	1.10
No. 19 Tinned .....	.11	.90

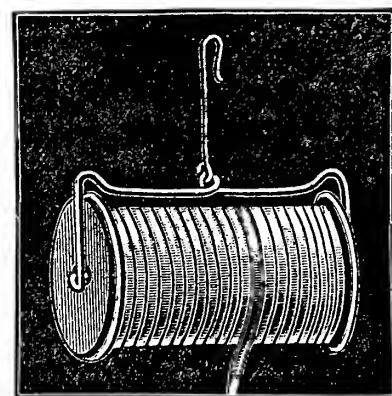
TINNED WIRE

No. 19, 11c. lb.; per 12 lb. stone, 90c.
In 10-lb. boxes, cut 8½ inches, 15c. per lb.; per box, \$1.40.

CUT BOUQUET WIRE

For Funeral Work, Stemming Flowers, Etc.

Cut 9 or 12 inches in length.	
No. 20, 12c. per lb.; per box, 12 lbs.,	\$1.30
No. 22, 14c. per lb.; per box, 12 lbs.,	1.40
No. 24, 15c. per lb.; per box, 12 lbs.,	1.50

**RAFFIATAPE**

This article is made of a composition of paper and linen and is tremendously strong, it is about ¼ inch wide and is put up in 250 yard spools or reels. There is no waste as the reel is fitted with a small hook which permits it to be hung from a button-hole, and it can thus be drawn off exactly as needed. Color, Nile-green.

Per reel of 250 yards, 75c.

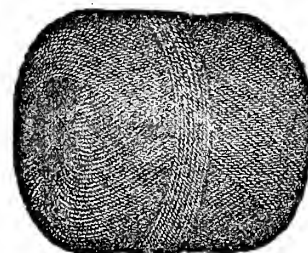
6 reels, \$4.25; 12 reels, \$8.00.

**RAFFIA**

For tying, basket making and fancy work, very long and fibrous.

Natural Color. Price, 20c. per lb.; 5 lbs. for 90c.

Colored. In all shades. 15c. per ¼ lb.; 1 lb., 50c.; \$2.25 for 5 lbs.

**TWINES, ETC.**

	Ball	lb.
No. 12 Light Italian Twine ..	\$0.20	\$0.40
No. 18 Medium Italian Twine ..	.20	.40
No. 24, Heavy Italian Twine ..	.20	.40
No. 36, Heavy Italian Twine ..	.20	.35
2 ply, 3 ply and 5 ply Jute ....	.10	.20
Linen Bouquet .....	.08	.45
Boston Linen, 2 and 3 ply .....	.20	.35
Green Sea Island .....	.10	.45
Special Thin White Cotton ....	.08	.30
2 ply Texas White Cotton ....	.07	.30
Tarred, for Mat Making .....	.20	
Tarred Sisal for Fodder .....		.12
Binder (5-lb. ball) .....	.75	
Express, very heavy .....	.20	

Green Silkline. For stringing Smilax and Asparagus.

Price per spool, 25c.

Price, per lb. (8 spools) (Coarse or fine)

Green Linen (substitute for Silkline), very similar to the above, fast color.

Price, 20c. per ball; 85c. per lb.

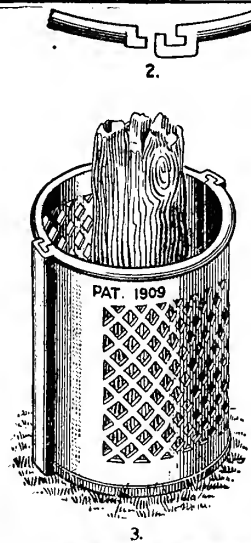


ROOFING PAPER, ETC.

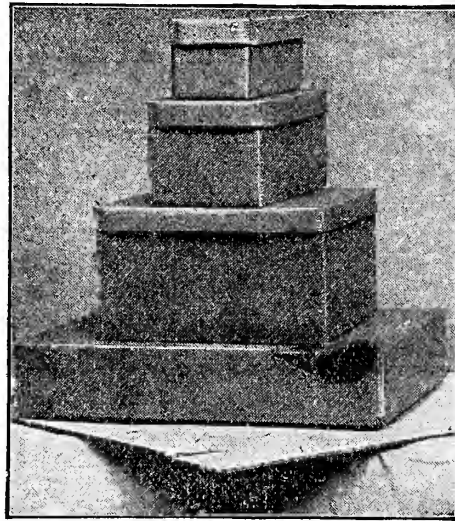
	Sq. ft. per roll	Per roll
Mica Surface, 2-ply	108	\$2.25
" 3-ply	108	3.25
Celery Paper for covering celery banks	500	1.15
\$5.25 for five rolls.		
Neponset Red Rope	500	5.50
" " "	250	2.75
" " "	100	1.25
Black Siding	250	1.25
" " "	500	2.50
Tar or Pitch, 2-ply	100	.80
" 3-ply	100	1.10
Paroid, 1-ply	108	2.50
" 2-ply	108	3.25
" 3-ply	108	4.00
Caps for tar paper. 1 lb., 8c.; 5 lbs., 35c.		
Nails for tar paper. 1 lb., 8c.; 5 lbs., 35c.		

SUNDRIES

Charcoal. For use in potting. Pk., 25c.; bu., 75c.; bbl., \$1.75.	
Grafting Wax. 1/4 lb., 10c.; 1/2 lb., 15c.; 25c. lb.; 5 lbs., \$1.10.	
Moss, Green Lump. Pk., 35c.; bu., 75c.; bbl., \$1.75.	
Moss, Green Sheet. Pk., 50c.; bu., \$1.25; bbl., \$3.50.	
Moss, Sphagnum (dry). Barrel size bales, \$1.00; pk., 20c.; bu., 50c.; bbl., \$1.25.	
Moss, Sphagnum (dry). Five barrel bales, \$2.50.	
Moss, Sphagnum (live). Pk., 25c.; bu., 85c.; bbl., \$1.75.	
Pebbles. Per qt., 8c.; pk., 40c.; bu., \$1.25; bbl., \$2.00.	
Peat or Leaf Mould. Five barrels, \$6.25; pk., 25c.; bu., 75c.; bbl., \$1.50.	
Peat, Orchid. Per barrel bag, \$2.00; pk., 30c.; bu., \$1.00.	
Sand for propagating. Per qt., 5c.; pk., 20c.; bu., 70c.; bbl., \$1.75.	
Soil for potting. Qt., 5c.; 1/2 pk., 15c.; pk., 20c.; bu., 70c.; bbl., \$1.75.	
Tin Foil. 15c. per lb.; 70c. per 5 lbs.	
Toothpicks. Plain, box, 7c.; 35c. for 6 boxes.	
Toothpicks. Wired, 1000, 25c.; \$2.00 per 10,000.	
Violet Foil. 40c. lb.; \$1.75 per 5 lbs.	
Weed Killer. Fairmount. 1/2 gal., 75c.; \$1.25 gal.; 5 gals., \$6.00.	
Weed Killer. Target Brand. 45c. per qt.; 1/2 gal., 65c.; \$1.00 per gal.; 5 gals., \$4.50; \$8.50 for 10 gals.	
Zementine. For whitewashing and shading. 2 lbs., 15c.; 10 lbs., 70c.	
Carnation Bands (Rubber). For mending bursted calyx. 30c. per oz.; 1/4 lb., \$1.00.	
Carnation Staples (Wire). Used for bursted carnation blooms. 60c. per 1000.	

VICTOR
TREE
GUARD

Many trees are ruined by rabbits, lawn mowers, sickles, etc., cutting and bumping them. The Victor Guard is designed to overcome this. It is in two parts, can be put on or taken off instantly; no bolts or screws; height 8 inches, 6 ins. diam.; painted dark green. 50c. each; 12 for \$5.50.



CUT FLOWER BOXES

CORRUGATED PAPER BOXES

	Each	Per Doz.
60 x 20 x 12 inch	\$0.60	\$6.50
42 x 14 x 8 "	.40	4.50
36 x 14 x 6 "	.35	3.50
24 x 8 x 5 "	.20	2.00

LIGHT WEIGHT PAPER BOXES

Size	Per Doz.	Per 100
14 x 5 x 3	\$0.35	\$2.25
20 x 4 x 3	.40	2.50
16 x 5 x 3	.40	2.50
18 x 5 x 3	.45	2.65
19 x 5 x 3 1/4	.50	3.00
18 x 7 1/2 x 3 1/2	.60	3.50
21 x 5 x 3 1/4	.60	3.50
23 x 5 x 3 1/2	.65	3.75
21 x 7 x 3 1/2	.65	3.75
21 x 8 x 4	.70	4.00
23 x 7 x 3 1/2	.70	4.00

HEAVY WEIGHT PAPER BOXES

Size	Per Doz.	Per 100
23 x 12 x 4	\$1.00	\$6.50
28 x 8 x 5	1.00	6.50
30 x 9 x 4	1.00	6.50
36 x 8 x 5	1.25	8.25
23 x 12 x 5	1.25	8.25
30 x 9 x 6	1.35	8.75
30 x 12 x 6	1.50	11.00
30 x 14 x 8	2.40	16.50
36 x 12 x 6	2.40	16.50

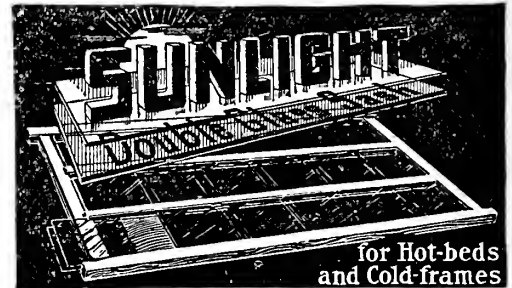
We can also supply other sizes of boxes.

VIOLET BOXES

Size	Per Doz.	Per 100
7 x 4 x 4	\$0.40	\$2.75
8 x 5 x 5	.70	4.40
9 x 7 x 5 1/2	.80	5.50
10 1/4 x 6 1/4 x 4 1/2	.80	5.50
13 x 9 x 6	1.25	8.80

PAPER FOR FLOWERS

	Lb.	5 lbs.	Ream
Manilla. For wrapping.	\$0.10	\$0.45	\$1.60
" Tissue	.12	.55	1.00
Wax. Best quality,			
White, 24 x 36 in.	.30	1.25	2.50
Wax. Best quality,			
Green, 24 x 36 in.	.35	1.50	3.00



Sunlight Sash are made with a double glass facing, one on the bottom, another on the top. It is claimed by the manufacturer where these are used, hot bed mats are unnecessary. In one size only, 3 feet wide, 6 feet long.

Prices, f. o. b. Philadelphia:
Plain, Unglazed and Unpainted.....\$2.35
Glazed and Painted 4.25
Packing Glazed Sunlights, 25c. each extra.

HOT BED SASH

Made of best quality cypress. Size, 3 ft 1 1/2 in. wide, 6 feet long.

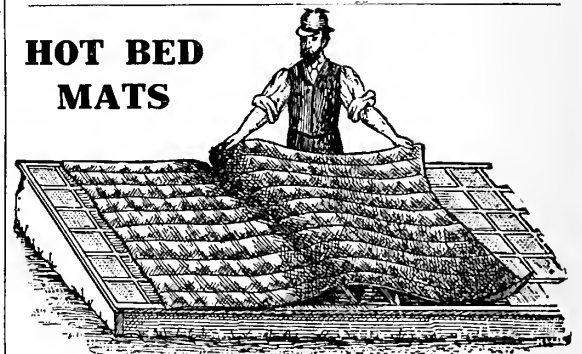
Plain, not glazed or painted. Each, \$1.40; \$15.00 per doz.

Glazed, painted, puttied glass. Each, \$3.25; \$37.50 per doz.

Packing charges on Glazed sash only, 10c. each; per doz., \$1.20 extra.

ANDERSEN'S DAYLITE
GLASS CLEANER

For removing shading paints or dirt from glass of sash or greenhouse. \$1.10 per gal.; 5 gals., \$5.00.

HOT BED
MATS

The Burlap, and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Burlap. 76 x 76 inches, covering two regular size sash. Each, \$1.50; doz., \$17.00.

Burlap. 40 x 76 inches, for one sash. Each, \$1.00; doz., \$11.00.

Duck and Burlap. This style is water-proofed on one side. 40 x 76 inches. Each, \$1.25; doz., \$14.00.

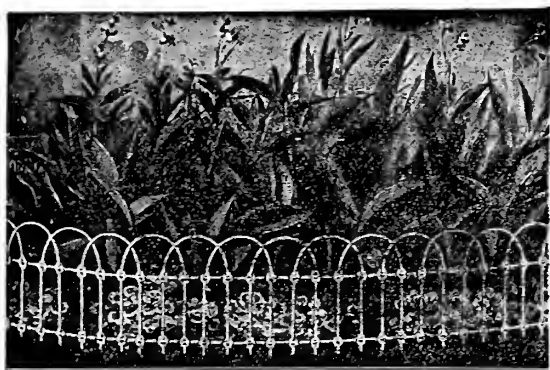
Duck and Burlap. 76 x 76 inches. Each, \$1.75; doz., \$20.00.

We can supply the following mats any length desired:

Duck and Burlap. 76 inches wide at 30c. per running foot.

Plain Burlap. 76 inches wide at 26c. per running foot.

Straw Mats. 3 x 6 feet\$1.00 \$11.00
" " 6 x 6 feet 1.50 16.00



WHELOCK WIRE FENCING

For putting around flower beds, etc. Any length desired up to 150 running ft.
16 in. Less than 150 ft. roll, 12c. ft.
16 in. In Roll Lots, 150 ft., 10c. ft.
22 in. Less than 150 ft. roll, 14c. ft.
22 in. In roll lots, 150 ft., 12c. ft.

WHELOCK WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.

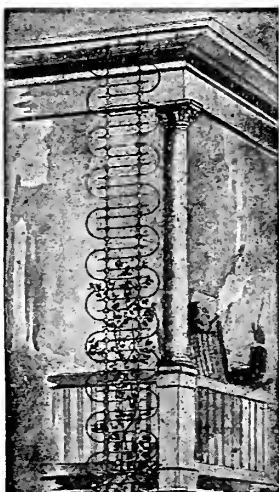
Any length desired up to 150 running feet.

13 in. wide. Less than 150 ft. rolls, 12c. per ft.

13 in. wide, in roll lots, 150 ft., 10c. per ft.

19 in. wide, less than 150 ft. rolls, 14c. per ft.

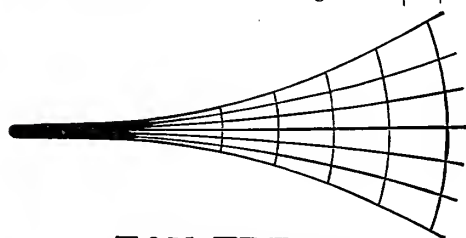
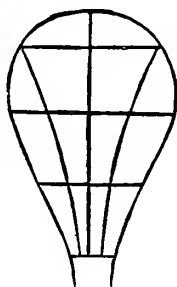
19 in. wide, in roll lots, 150 ft., 12c. per ft.



Wheelock Trellis

WIRE TRELLIS

12 inch high	.....\$0.20
18 inch high	..... .30
24 inch high	..... .40
30 inch high	..... .65
36 inch high	..... .75
42 inch high	..... 1.10
48 inch high	..... 1.30
60 inch high	..... 1.75
72 inch high	..... 2.25



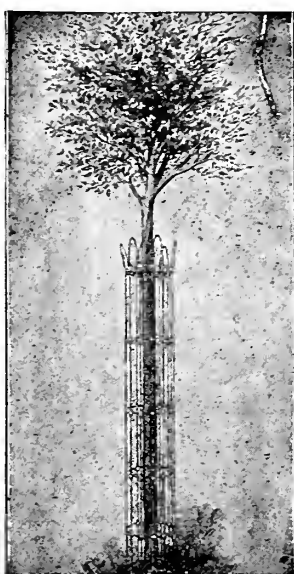
FAN TRELLIS

Made of wood, painted green.

18 inch	.....\$0.15	36 inch	.....\$0.40
24 inch	..... .25	42 inch	..... .50
30 inch	..... .35	48 inch	..... .60

WIRE TRELLIS (Made to Order)

We are able to have made, at short notice, special sizes of wire trellis, any length and any width, at 25c. per sq. ft.



WIRE TREE GUARD

Carefully galvanized, thoroughly made, 8 inches diameter. \$1.25 each; per doz., \$13.50.



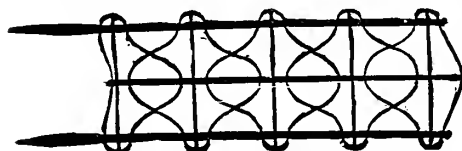
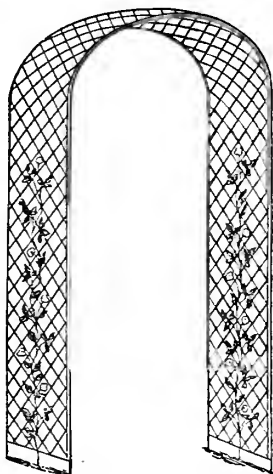
No. 4 IRON TREE GUARD

12 in. diameter, 6 ft. high. Price, \$2.50 each; per doz., \$25.00.

GALVANIZED WIRE ARCHES

These can be furnished on short notice any height or any width. Made of extra heavy galvanized diamond mesh wire with strong frames to prevent sagging.

Price, 25c. per square foot.

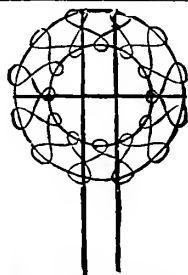


VERANDA TRELLIS

Made of wood and painted green.

2 feet	.....\$0.30	6 feet, heavy.	\$0.95
3 feet	..... .40	8 feet, heavy.	1.15
4 feet	..... .50	10 feet, heavy.	1.60
5 feet, heavy.	.75	12 feet, heavy.	1.85

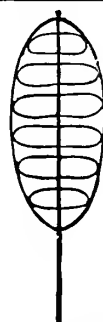
Larger sizes to order.



IVY TRELLIS

Made of wood, painted green.

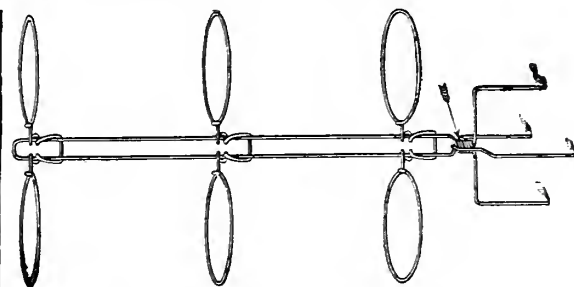
16 in. diam.,	40c.
20 in. diam.,	50c.
24 in. diam.,	65c.



OVAL TRELLIS

Made of wood, painted green.

24 inch25c.
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Müller Carnation Support

MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; \$4.50 per 100; per 1000, \$42.00.

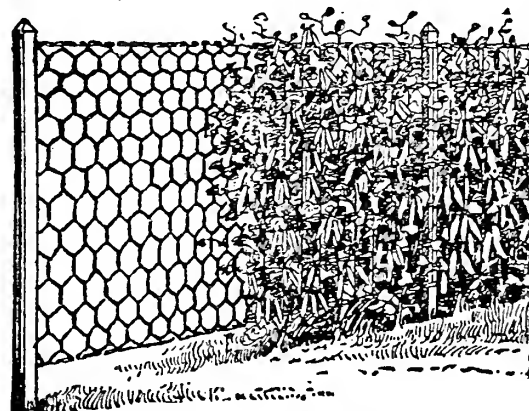
RICHMOND CARNATION SUPPORT

This is now the most popular support that there is, it can be put together in a minute, and is always satisfactory.

	Per Doz.	100	1000
No. 11. 29 in., 3 ring			
double (see cut)	\$.065	\$4.50	\$42.50
No. 11. 29 in., 3 ring			
Single	.50	3.50	32.00

"MODEL" CARNATION SUPPORTS

	Per Doz.	100	1000
2 Ring	\$.045	\$3.00	\$27.50
3 Ring	.55	3.50	32.50



WIRE PEA TRELLIS

This does away with brush, twine, etc., and avoids the necessity of peas lying on the ground and wasting; excellent for either garden or sweet peas. It is 48 inches high and in 10 foot sections, with 3 suitable 5 1/2 foot stakes for fastening in the ground; can be put away and used year after year. \$1.00 per section; 10 sections for \$8.50.



Model Tomato Support

TOMATO OR PAEONY SUPPORT

These pay for themselves the first season. They insure more flowers and better fruit.

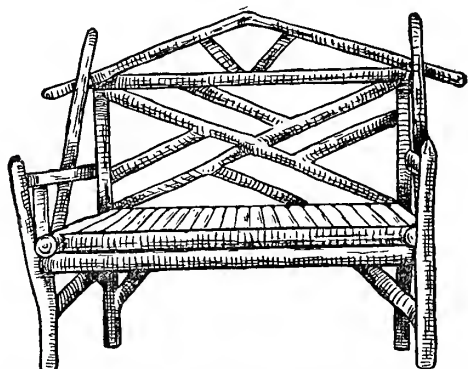
Model (Wire). Each 20c., doz. \$2.00, \$14.00 per 100.

Müller (Wire). Each 30c., doz. \$3.25, \$23.50 per 100.

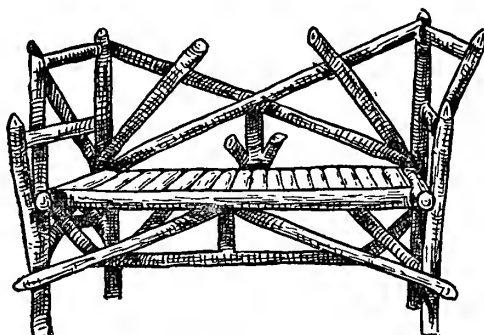
Perfection (Wood). Each 25c., doz. \$2.75, \$22.00 per 100.

RUSTIC PORCH AND LAWN FURNITURE, ETC.

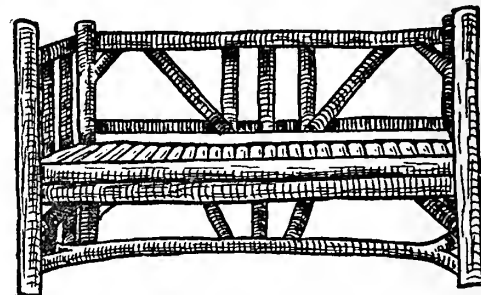
All of our Rustic Work is made by thoroughly experienced men. It is carefully finished, leaving no rough places or nails protruding. A settee or chair placed at intervals on paths will be found a great convenience. The Rustic Work we offer is finished in the natural state with the bark on it, and not varnished.



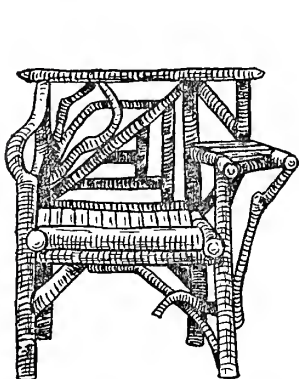
Elwood Cedar Settee, \$3.50 each.



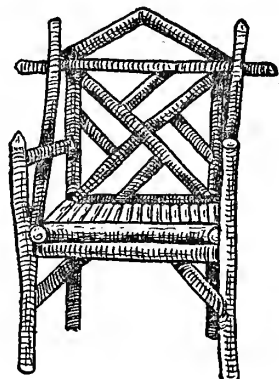
Florida Cedar Settee, \$3.50 each.



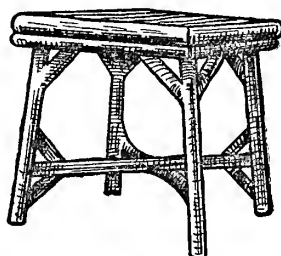
Mission Cedar Settee, \$8.00.



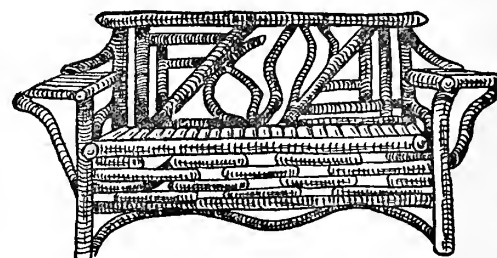
Klondike Chair, \$5.00.



Elwood Chair, \$2.75.

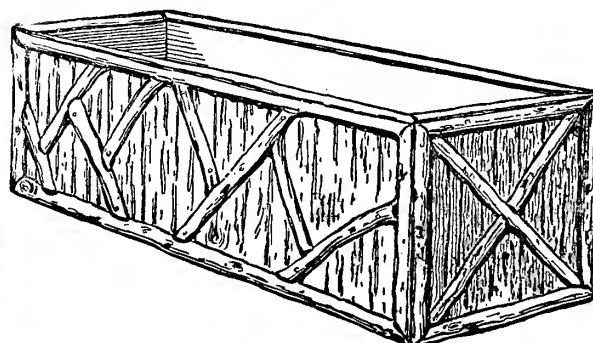
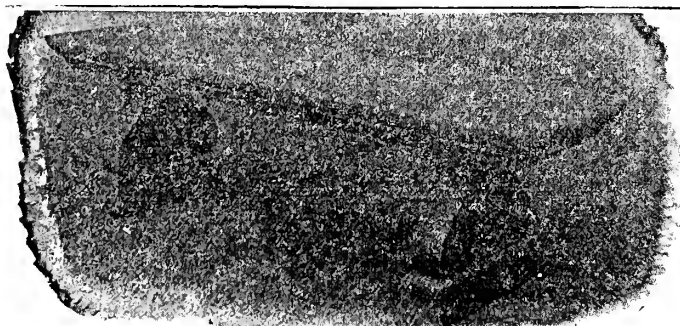


Rustic Table, \$4.25.



Klondike Cedar Settee, \$7.00.

PORCH AND WINDOW BOXES



Rustic Boxes for Porches and Windows

Rustic Window Boxes

Length	Depth	Width	Price
24-in.	7 1/2-in.	11-in.	\$1.40
30 "	7 1/2 "	11 "	1.75
36 "	7 1/2 "	11 "	2.10
Any length made to order, 75c. per running foot, 11 in. wide.			

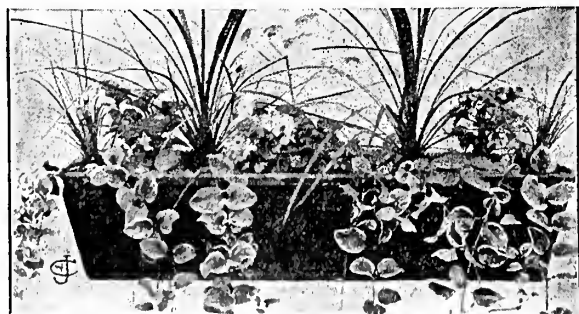
Green Window Boxes

Length	Depth	Width	Price
24-in.	6 1/2-in.	8-in.	\$0.80
30 "	6 1/2 "	8 "	1.00
36 "	6 1/2 "	8 "	1.25
Any length made to order, 45c. per running foot, 8 in. wide.			

Rustic Bark for covering boxes, columns or any other article. Per sq. ft., 5c.; \$1.00 per 25 sq. ft.; 50 sq. ft. and over, @ 3 1/2 c. per sq. ft.

COLONIAL GARDEN SEATS

Made of wood and finished in a most exclusive manner, stock color is usually a light green; although any color can be had on short notice. Price, \$1.40 per running foot. Any size desired.



SELF WATERING WINDOW BOXES

These are made of metal, finished bright green; the bottom is equipped with a reservoir which when filled is sufficient to keep the contents of the box watered for two weeks.

No.	Height	Width	Length	Price
No. 1	8"	9 1/2"	23"	\$1.75
No. 5	8"	9 1/2"	31"	2.35
No. 8	8"	9 1/2"	37"	2.75

Also all other sizes.

IRON GUARDS

For grass corners, flower beds, etc. Iron (see cut) nicely painted green, 75c. each; per doz., \$8.25.

WIRE GUARDS

Made extra heavy and well galvanized. Price, 20c. each; per doz., \$2.00.



SIGNS

"Keep off the Grass."

40c. each; per doz., \$4.00.

Excellent for putting around grass plots where thoroughfare is not desired. Made of iron, nicely painted.

SPECIAL RUSTIC HOUSES

We are prepared to furnish Rustic Houses to order of all Kinds, and will be glad to estimate.

All Prices subject to Market Changes.



PAINTED POT LABELS

		100	500	1000
4	inch	.....\$0.12	\$0.50	\$0.85
4½	"	......15	.60	1.00
5	"	......20	.70	1.25
6	"	......25	.85	1.50
8	"	......35	1.75	3.25
10	"	......50	2.40	4.50
12	"	......75	3.25	6.00
18	" for field use..	2.00		17.50

WOOD TREE LABELS

		Per 100	Per 1000
Iron Wired.	Plain	.....\$0.15	\$1.00
Copper Wired.	Plain	......20	1.25
"	Painted	......25	1.50
Copper Sheet, wired.	20c. per doz.; per 100, \$1.10.		
Indelible Marking Pencils	.....	.05c.	

GARDEN MARKERS OR CROP LABELS

For marking perennials, garden rows, beds or individual plants inside. The space for holding cards is large, to allow previous cards to remain; thus a perpetual record of any one plant or item may be kept.

Iron Age Make (see cut). Each 20c., doz. \$2.00, \$15.00 per 100.

O. P. Make. Each 5c., doz. 55c., \$4.00 per 100.



WRENS' NESTS

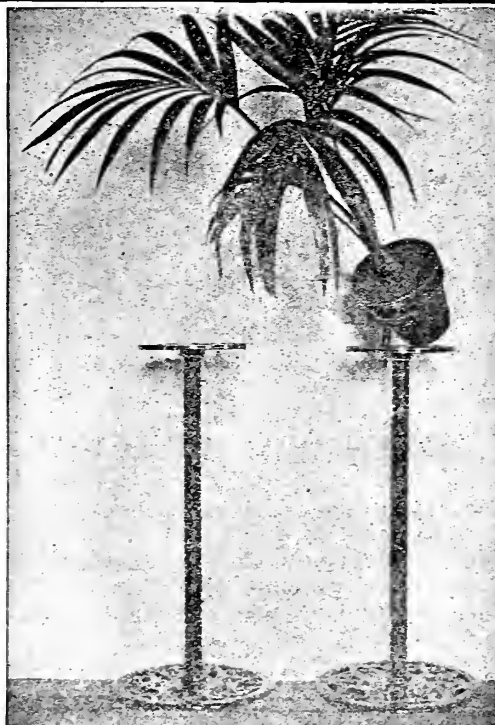
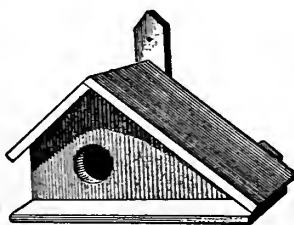
(Terra Cotta)



Constructed so they may be suspended from a tree limb anywhere. Hole is small so larger birds cannot enter or disturb the occupants. Price, 25c. each; \$2.50 per doz.

WOODEN WREN BOX

These are very useful as well as ornamental, for putting on trees or fastening on buildings. Painted red and green, very attractive. 35c. each, 3 for \$1.00.



SUPERIOR IRON PLANT STANDS

You can tilt and set your plants at any angle desired to produce the proper decorative effect. Enameled green.

Height	Size of Plates	Price Each	Per Doz.
12 inch	5 x 7	\$0.85	\$9.00
18 "	5 x 7	.95	10.00
18 "	8 x 10½	1.05	11.75
24 "	8 x 10½	1.15	13.00
24 "	8 x 12	1.25	14.25
30 "	8 x 10½	1.35	14.75
30 "	8 x 12	1.45	15.75
36 "	8 x 10½	1.55	15.75
36 "	8 x 12	1.65	16.75
42 "	8 x 10½	1.75	16.75
42 "	8 x 12	1.80	18.00
48 "	8 x 12	1.85	19.50
60 "	8 x 12	1.95	20.75
72 "	8 x 12	2.05	22.00

STAR IRON PLANT STANDS

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

	Each	Per Doz.
12 inches high	.....\$0.70	\$7.70
18 "	......80	8.80
24 "	......95	10.50
30 "	.....1.15	12.25
36 "	.....1.40	15.50
42 "	.....1.55	16.50

Extra Plates for Superior Stands

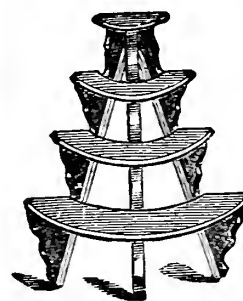
	Each	Per Doz.
5 inch	.....\$0.30	\$3.30
7 "	......35	3.75
8 "	......50	5.50
10½ "	......55	6.00
12 "	......65	7.00

Extra Plates for Star Stands

	Each	Per Doz.
5 inches diam.	.....\$0.25	\$2.85
7 "	......40	4.40
10½ "	......50	5.50

WOODEN PLANT STANDS

Nicely varnished, finished natural color, half round shape.
3 shelf\$1.25



WIRE PLANT STANDS

These are painted green and touched off with bronze.

1 shelf square.	\$2.25	2 shelf half rd...	\$3.00
2 "	3.00	3 "	4.00
3 "	4.00		



BAGS FOR PROTECTING GRAPES

If put on during the period when grapes are forming, they will save many times their cost in the amount of fruit they will save from insects, rot, etc. All ready with wire to fasten.

If desired by mail please add 15c. per 100 to the prices below.

	100	1000
2 lb. size	.....\$0.30	\$2.50
3 lb. size	......35	3.00
4 lb. size	......40	3.50

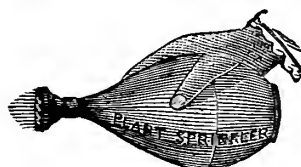


SHADING OR PROTECTING CLOTH

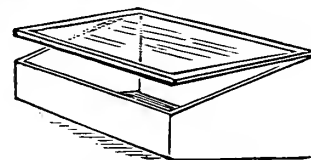
Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Light	Medium	Heavy
	Yd. Pc.	Yd. Pc.	Yd. Pc.
Green (Mildew Proof)	.....not made	12c.	\$6.60 18c. \$6.40
Brown	.....6c.	\$3.30 10c.	5.40 14c. 5.20
Yds. per Piece.	60	60	40

RUBBER PLANT SPRINKLERS

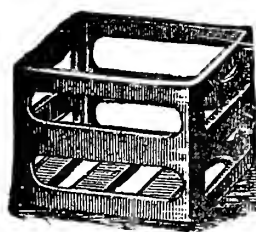


	Straight Neck.
No. 1	.....\$1.00
No. 2	......90
No. 4	......60
	Angle Neck.
Large	.....\$1.00
Small	......80



SEED FRAMES

For raising seeds sown early in the house. 12 x 20 in. \$1.25 each; 12 x 16 in., \$1.00 each, complete.



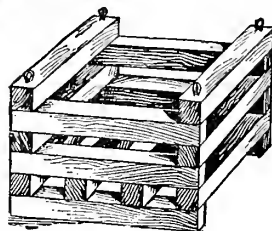
EARTHEN ORCHID BASKETS

Square	Each	Doz.
4 in.	\$0.15	\$1.35
6 " ....	.25	2.25
7 " ....	.30	3.00

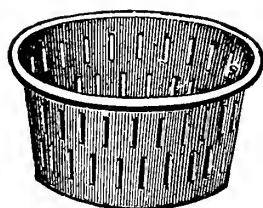
Earthen Or. Basket

WOOD ORCHID BASKETS

Square	Each	Doz.
6 in.	\$0.30	\$3.50
8 " ....	.40	4.25
10 " ....	.50	5.00
12 " ....	.60	6.50



Wood Orchid Basket



ORCHID PANS

EARTHEN	Each	Doz.
4 in.	\$0.10	\$1.00
5 " ....	.15	1.50
6 " ....	.20	1.80
8 " ....	.30	2.50
10 " ....	.40	3.60
12 " ....	.50	5.00

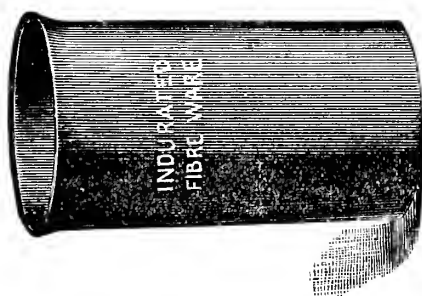
Orchid Pan

CORK FOR ORCHIDS

In large clumps. 30c. per lb.; 5 lbs., \$2.50.

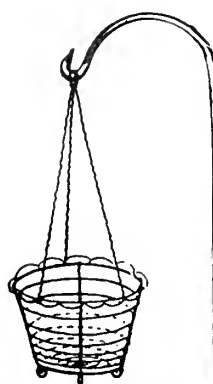
ORCHID PEAT

For use in orchid pans and baskets. 30c. per peck; bushel, \$1.00; \$2.00 per bbl. bag.



WOOD FIBRE FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0	8 in.	13 in.	\$0.58	\$6.60
1	5½ "	10 "	.50	5.70
2	4½ "	9 "	.44	5.00
3	4 "	6 "	.37	4.20
4	3 "	4½ "	.29	3.30
00	9 "	21 "	2.19	25.00
11	5 "	18 "	.58	6.60
22	4½ "	15 "	.50	5.70
33	4 "	12 "	.44	5.00
44	3 "	9 "	.37	4.20
000	9 "	29 "	2.88	33.00

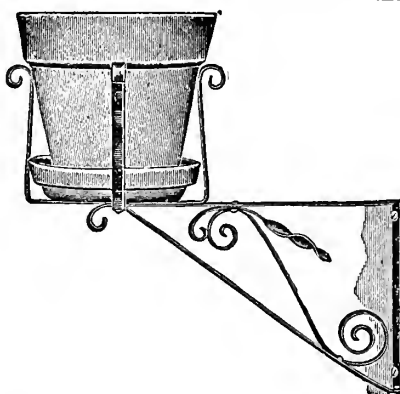


Cemetery Hook and Basket

WIRE HANGING BASKETS

Complete with Hanger.

	Each	Doz.
8 inch	\$0.15	\$1.50
10 inch .....	.20	2.00
12 inch .....	.25	2.50
14 inch .....	.35	3.50
16 inch .....	.45	4.50



JONES' POT BRACKET

(See Cut.)

No. 1—Holds 5-inch pot.	Each, 30c.; \$3.00 per doz.
No. 2—Holds 6-inch pot.	Each, 35c.; \$3.50 per doz.
No. 3—Holds 7-inch pot.	Each, 40c.; \$4.00 per dozen.

MAILING.—If Jones's Brackets are desired by mail, add 15c. to price of each bracket.

BRONZED POT BRACKETS

8310—Single small, 30c. each; per doz., \$3.00.
8320—Single, medium. 40c. each; per doz., \$4.00.
8340—Double, medium. 60c. each; per doz., \$6.00.

IRON VASES

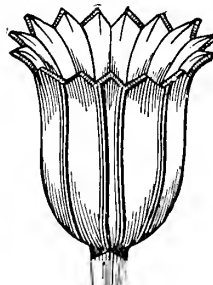
For holding cut flowers on cemetery lots and graves.

Painted Green

No.	Each	Doz.
3—Small	\$0.25	\$2.50
2—Medium	.35	3.75
1—Large	.45	4.50

Galvanized

No.	Each	Doz.
3—Small	\$0.35	\$3.75
2—Medium	.50	5.00
1—Large	.65	6.75



ENAMELED CEMETERY VASES

Color rich green; made of tin and carefully enameled; will not burst in cold weather.

No.	Each	Doz.
1—Large	\$0.25	\$2.75
2—Small	.20	2.00



BASKET OR CEMETERY HOOKS

Thoroughly galvanized so they cannot rust.

Single, ⅝ inch thick, 40c.
Single, ¾ inch thick, 50c.
Double, ⅞ inch thick, 80c.



OAK JARDINIERES

Made of black oak, finished natural on the outside, painted red on the inside, and fitted with brass hoops and handles.

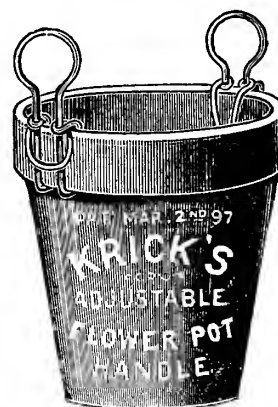
Low Form for Bulb and Fern Pots

No.	To fit Pots	Price	No.	To fit Pots	Price
75	6-inch	\$3.00	96	8-inch	\$4.50
85	7 " "	3.75	116	9 " "	4.50

High Form for Flower Pots

No.	To fit Pots	Price	No.	To fit Pots	Price
77	6-inch	\$3.75	119	9-inch	\$4.50
88	7 " "	4.00	111	10 " "	5.00
99	8 " "	4.25			

We can also supply other sizes.



Eureka Hanger

KRICK'S POT HANGERS

No.	For	Each	Doz.
No. 1.	For 3 to 5-in. pots	\$0.04	\$0.40
No. 2.	For 6 and 7-in pots	.05	.50
No. 3.	For 8 to 10-in. pots	.06	.60

EUREKA POT HANGER

These are suitable for any size pot up to 8 inches, made of heavy galvanized wire, 15 inches long. 75c. per doz.; per 100, \$5.00.

OAK BASKETS



For gathering leaves, vegetables, fruits, rubbish, etc. All hand made. The one bushel size are iron bound, thus very durable.

1 Bushel size	...75c.
½ " "	...45c.

SPLINT BASKETS

	With Handle	Without Handle
¼ bu.	Per doz., \$0.65	\$0.60
½ bu. ....	.70	.65
¾ bu.	1.20	1.00
1 bu.	1.65	1.50



WOOD MEASURES

Cedar, Iron Bound

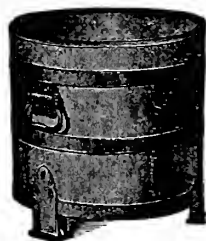
¼ to ½ peck	...\$0.30
½ pk. to 1 pk.	... .40
½ bushel	... .70
1 bushel	... 1.25

PLANT TUBS, FLOWER POTS, SAUCERS, Etc.

CEDAR TUBS

Equipped with Black Iron Hoops.

These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.



Cedar Plant Tub

No.	Outside diam.	Length of stave outside	
No. 0.	27 inches	24 inches	\$5.50
No. 1.	25 "	22 "	5.00
No. 2.	23 "	20 "	4.50
No. 3.	21 "	18 "	4.00
No. 4.	19½ "	16 "	3.00
No. 5.	18 "	14 "	2.75
No. 6.	16½ "	13 "	2.25
No. 7.	15 "	12 "	2.00
No. 8.	12 "	10 "	1.75

CEDAR PLANT TUBS

With Galvanized Iron Hoops

These hoops are much more substantial than the regular black iron and are well worth the difference; furnished only on order; not carried in stock.

No.	Galvan. Hoops
No. 0.	\$6.00
No. 1.	5.50
No. 2.	4.90
No. 3.	4.40
No. 4.	3.35
No. 5.	3.10
No. 6.	2.55
No. 7.	2.30
No. 8.	1.95

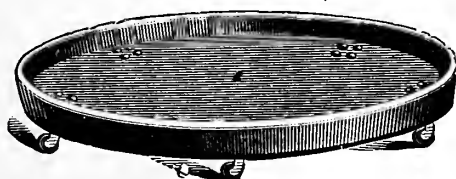
MICHELL'S KEYSTONE PLANT TUBS



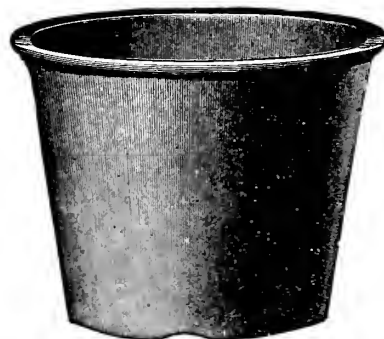
Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 10c. per pair, specify when wanted that way.

No.	Inside Diam.	Depth	Each
6.....	11 inches	10 inches	\$0.70
7.....	12 "	11 "	.80
8.....	13 "	12 "	.90
9.....	14 "	13 "	1.00
10.....	15 "	14 "	1.25
11.....	16 "	15 "	1.35
12.....	17 "	16 "	1.50
13.....	18 "	17 "	1.75
14.....	19 "	18 "	2.00

ROLLING STANDS (Wood Fibre)



Will fit	Pot	Tub	Each	Doz.
12 inches	10 in.	\$0.53	\$6.00
14 "	12 "	.63	7.20
16 "	14 "	.78	9.00
18 "	16 "	.88	10.00
20 "	"	1.05	12.00
22 "	"	1.31	15.00



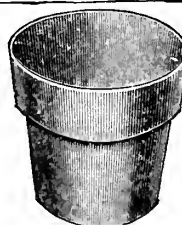
WOOD FIBRE PLANT TUBS

Complete, with saucers.

	Green Enameled	Mahogany	Color
10 inch	\$0.95		\$0.63
12 "	1.15		.75
14 "	2.00		1.50
18 "	4.73		3.95

EARTHEN FLOWER POTS

Our Earthen Flower Pot stock is very large. We carry a full line of sizes at all times.



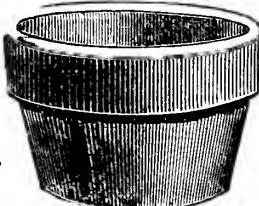
Height and Width Inside	Each	Doz.	100	1000
2 inches	\$0.01	\$0.07	\$0.50	\$3.96
2¼ "	.01	.08	.56	4.45
2½ "	.02	.09	.69	5.45
3 "	.02	.11	.88	6.93
3½ "	.02	.14	1.06	8.41
4 "	.02	.18	1.38	10.89
4¼ "	.03	.20	1.56	12.37
4½ "	.03	.24	1.88	14.85
5 "	.03	.32	2.50	19.80
5½ "	.05	.41	3.13	24.75
6 "	.05	.49	3.75	29.70
6½ "	.07	.62	4.80	44.00
7 "	.08	.78	6.00	55.00
8 "	.11	1.09	8.40	77.00
9 "	.16	1.56	12.00	110.00
10 "	.22	2.11	16.20	148.50
11 "	.29	2.81	21.60	
12 "	.40	3.70	30.00	
14 "	.80	7.80	60.00	
16 hand made	1.50	13.50		

PAPER FLOWER POTS

Size	Doz.	100	1000
2¼ inches	\$0.08	\$0.35	\$3.00
2½ "	.10	.40	3.25
3 "	.12	.55	4.50
3½ "	.18	.70	6.00
4 "	.20	.95	7.50
5 "	.25	1.40	12.50
6 "	.30	1.80	17.00

EARTHEN BULB PANS

These are fine for planting with bulbs of various kinds or for ferns and other compact plants.



Diam. Inside	Each	Doz.	100
6 inches	\$0.07	\$0.68	\$3.75
7 "	.08	.80	6.00
8 "	.11	1.00	7.00
9 "	.15	1.50	10.50
10 "	.20	2.00	13.50
12 "	.30	3.25	23.00
14 "	.65	7.00	50.00
16 "	.90	9.50	70.00
18 "	1.75	19.00	150.00

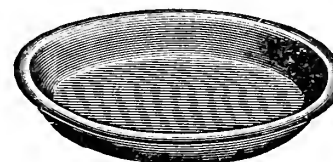
SEED PANS

Earthenware

Inches	Each	Doz.
6	\$0.20	\$2.00
8	.25	2.50
10	.30	3.00
12	.40	3.50



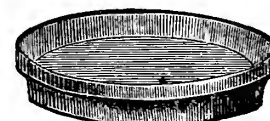
Seed Pan



WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof. Plants put on these can be stood on the finest covering or wood-work without damage; they are also unbreakable.

	Each	Doz.	100
4 inches	\$0.11	\$1.24	\$9.27
5 "	.11	1.27	9.54
6 "	.12	1.32	9.90
7 "	.13	1.44	10.80
8 "	.14	1.56	11.70
9 "	.15	1.73	12.96
10 "	.16	1.80	13.50
12 "	.19	2.16	16.20
14 "	.25	2.88	21.60
16 "	.44	5.04	37.80
18 "	.50	5.76	43.20



EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	\$0.02	\$0.15	\$1.12
5 "	.03	.18	1.40
6 "	.04	.24	1.88
7 "	.05	.31	2.40
8 "	.06	.47	3.60
9 "	.08	.62	4.80
10 "	.09	.78	6.00
11 "	.11	.94	7.20
12 "	.15	1.17	9.00
14 "	.25	1.95	15.00



Fern Liner



EARTHEN FERN PANS

These are suitable for putting into deep fern dishes.

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.04	\$0.31	\$1.65
4 3/4 "	2 1/8 "	.05	.33	2.20
5 1/2 "	2 1/4 "	.06	.41	2.75
6 1/4 "	2 1/2 "	.07	.49	3.30
7 "	2 3/8 "	.09	.55	3.85
8 "	3 1/8 "	.11	.79	5.50
9 "	3 1/4 "	.15	.95	6.60

FERN DISH LINERS

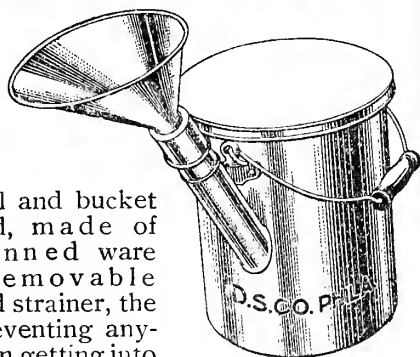
Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.12	\$1.00	\$6.00

DAIRY SUPPLIES

The demands from our customers dwelling in the country who have their own cows, make it necessary, in a small way, to add a few of the most important of dairy appliances. We can also procure anything else in this line not offered here

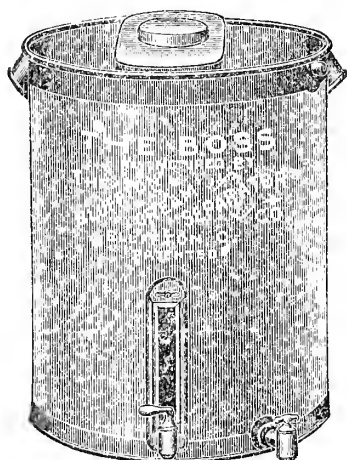
PERFECT MILKING PAIL



A stool and bucket combined, made of heavy tinned ware with a removable cover and strainer, the latter preventing anything from getting into the milk.

Price, complete, \$3.75.

We can also supply other styles of milk pails.

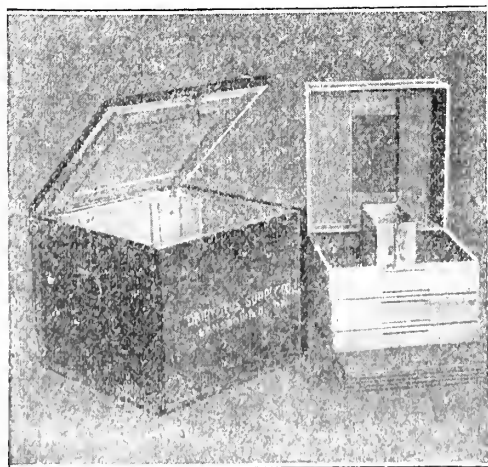


BOSS SEPARATOR

A simple device, consisting of a water vessel with a faucet, and an inside tin milk container, so constructed that the milk and cream will drain off completely.

2½ gal. size \$5.00
4 " " 6.00

We can also furnish larger sizes with copper milk vessels.



IRON CLAD BUTTER BOXES

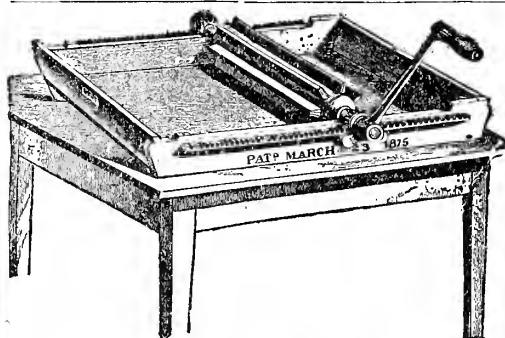
With ice compartments for shipping to city or seashore homes.

6-lb. capacity \$3.00
12 " " 3.50
20 " " 3.75

We can also supply larger sizes.

BUTTER BOWLS

13 inches diam. 25c
15 " " 35c
18 " " 70c



PHILADELPHIA BUTTER WORKER

No. 1—50-lb. capacity \$7.50
No. 2—30 " " 6.00
No. 3—20 " " 5.25
No. 4—10 " " 4.50

Also larger sizes.

MILK STRAINER



Sanitary Strainer

The bottom is arranged with a hoop so that a gauze cloth can be used in addition to the regular brass strainer cloth. Economy style, complete, 85c.

Sanitary style, complete, \$1.75.

MILK SHIPPING CANS

For sending milk to town or to the creamery. These cans are also excellent for bringing spring water to town.

New York Style. See cut.

20-qt. capacity \$2.75
30 " " 3.00
40 " " 3.25



CALF WEANERS

No. 1, for calf under one year, 35c.
No. 2, for calf over one year, 50c.
No. 3, for cows 75c.

BULL RINGS

Made of copper, working on a screw hinge.

Price \$0.35

BUTTER PRINTS

Quaker City Style

1 lb. size \$1.50
½ " " 1.50



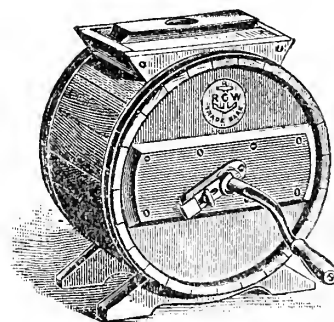
BUTTER PAPER

In packages of 1000 sheets only.

6x8 inches \$0.45
6x9 "50
7x9 "60
8x11 "80

BUTTER COLORING

In bottles, 25c., 50c. and \$1.00. Gallon cans, \$2.25.



BUTTER CHURNS

Richmond Style, made of first quality white cedar and carefully finished, easily cleaned.

No. 1—3 gallon capacity \$2.00
No. 2—4 gallon capacity 2.50
No. 3—7 gallon capacity 3.00

SPAIN'S CHURN

These are set up on a stand, the churn proper being barrel shaped.

No. 1—9 qt. churning capacity complete with stand \$5.90
No. 2—15 qt. churning capacity complete with stand 6.60
No. 3—20 qt. churning capacity complete with stand 7.10

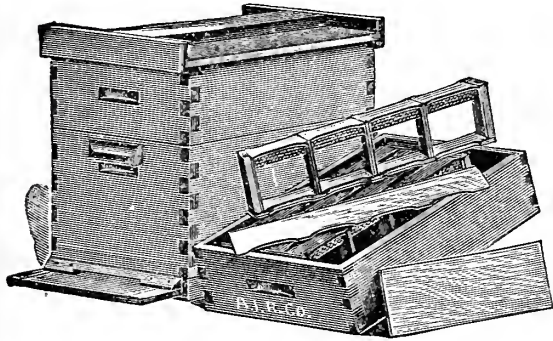
We can also supply larger sizes.



BUTTER PADDLES

Each
4-inch blade \$0.25
5 " "30
6 " "35

HEADQUARTERS FOR BEE SUPPLIES

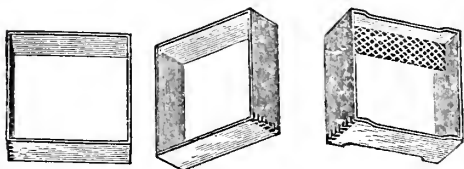


BEE HIVES

The Dovetailed hive is the most improved type, enabling a person to handle bees quickly and with accuracy. It is made of best quality material and can be purchased set up or in the flat, prices being quoted either way.

No. AE 66. Two-story hive for extracted honey with one-inch foundation starters, complete with 8 frames. Set up and painted, \$3.75 In Flat, not set up, \$2.75.

No. AE 644 P. Two-story hive for comb honey with sections and foundations fitted with one-inch foundation starters, fitted with $4\frac{1}{4} \times 1\frac{1}{2}$ plain, or $4\frac{1}{4} \times 1\frac{1}{8}$ Beeway sections. Set up and painted, \$4.50. In Flat, not set up, \$3.50



SECTION HONEY BOXES

These are made in two grades, A and B. the former being the better, the latter the poorer quality. On account of their cheapness we offer the A grade only.

Per 100 Per 1000
 $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{8}$ with Bee ways.. \$0.85 \$5.75
 $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$ with no Bee ways .80 5.50
 We can also supply all other styles.

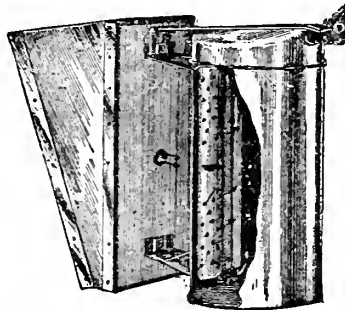
WEED NEW PROCESS FOUNDATION STARTER

There are four grades of this. Medium and Light, Thin Super and Extra Thin Super. The first two are used in brood frames, the latter in section boxes.

Per lb. Per 5 lb.
 Medium Brood \$0.58 \$2.80
 Light "60 2.90
 Thin Super65 3.15
 Ex. Thin Super70 3.30

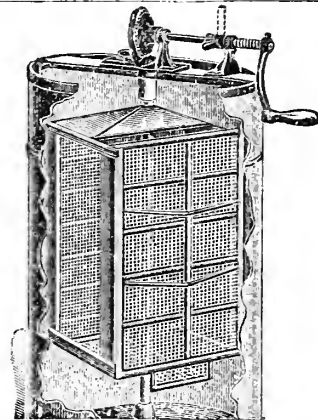
HOFFMAN FRAMES

This is the most popular foundation frame, is self-spacing, therefore especially popular with the amateur as well as professional bee keeper. Price, with foundation starters and set up, 25 for \$1.50, \$5.75 per 100.



BEE SMOKERS

Root Jumbo, 4 inch \$1.25
 " Standard, $\frac{3}{4}$ inch85
 " Junior65



HONEY EXTRACTORS

No. 5B. Novice \$9.50
 No. 15B. Cowan 12.50
 No. 25B. Root Automatic 26.00

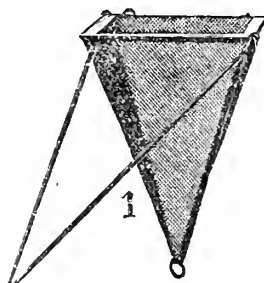


HONEY KNIVES

For uncapping, scraping bottom boards, transferring and cutting chunk honey out of frames.

Novice style 80c.
 Bingham Improved (see cut) . . 75c.

MAMUM SWARM CATCHERS



For collecting bees prior to putting them in hives.

Price, with pole, \$1.25.

Price, without pole, \$1.00.

BEE VEILS

These are worn on the head and face to prevent being stung when working among bees.

Globe Style, complete, \$1.00.

No. 1, made of silk, 90c.

No. 2, made of cotton and silk, 60c.

No. 3, made of cotton, 50c.



BEE BRUSHES

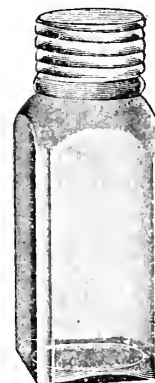
For brushing bees off combs when extracting honey.

Cogshall Make \$0.20
 Dixie Make20
 German Brush (See Cut) 30c



GLOVES FOR HANDLING BEES

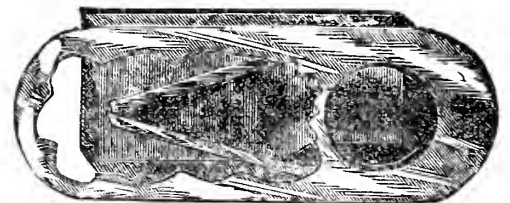
Made of heavy drilling. We can furnish them with exposed or closed fingers. 55c per pair.



HONEY JARS

Per Case of
 $\frac{1}{4}$ lb. square . . . 24 \$1.00
 $\frac{1}{2}$ " " . . . 24 1.10
 1 " " . . . 24 1.65
 2 " " . . . 12 1.10
 $\frac{1}{2}$ " round . . . 24 1.35
 1 " " . . . 24 1.65
 2 " " . . . 12 1.15

The above jars are equipped with Aluminum Caps.



BEE ESCAPES

These will be found of great value when taking off honey.

Fig. 81. For use in hives (see cut) 15c. each
 Fig. 82. For use in work-rooms. 20c. "

BEE HAT

Made with a flexible rim to fit any head. Price. 35c.

FOUNDATION FASTENERS

An apparatus for folding section boxes and attaching foundation starters to same.
 Daisy Style, with lamp \$1.10
 Root " " " 1.50

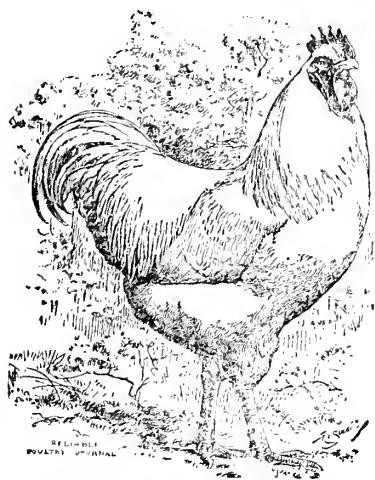
BEE TENTS

For putting over hives to prevent escape when handling or working among bees 5 x 5 ft. Price. \$2.50.

Send for Illustrated Catalog on Bee Supplies

POULTRY AND ANIMAL FOODS AND TONICS

ALL PRICES SUBJECT TO MARKET CHANGES



Bone (Ground). We have a fine and a coarse grade (always state which is wanted when ordering.) 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 75c., \$1.50 per 50 lbs., 100 lbs. \$2.50, \$11.25 for 500 lbs.



Bone Meal. For feeding chicks and using in the mash. 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 75c., 50 lbs. \$1.50, 100 lbs. \$2.50.

Bran (Wheat). For mash, etc. 5 lbs. 20c., 75c. per 25 lbs., 100 lbs. \$2.25.

Broken Rice. 1 lb. 6c., 30c. for 5 lbs., 10 lbs. 55c., \$1.25 for 25 lbs. (Price in large quantity on application.)

Buckwheat. Price, 10c. per quart. (Larger quantity, price on application.)

Cake Meal. 5 lbs. 25c., 90c. per 25 lbs., 100 lbs. \$3.15.

Calf Meal (Blatchford's). \$2.00 per 50 lbs., 100 lbs. \$3.75.

Canada Peas. Price, 10c. per quart, per peck 55c. (Prices on large quantities on application.)

Cat Food (Spratt's). Per carton, 25c.

Catnip Balls. 15c. each, doz. \$1.50.

Cattle Regulator (Pratt's). 5 lbs. 50c., 75c. for 12 lbs., 25 lbs. \$1.50, \$3.00 per 50 lbs.

Charcoal. Two grades, **fine** and **coarse**; state which you wish when ordering. Price: 1 lb. 7c., 30c. for 5 lbs., 10 lbs. 45c., 75c. for 25 lbs., per 100 lbs. \$2.50, \$10.00 for 500 lbs.

Chicgrain (Spratt's). Per carton 25c., 5 lbs. 30c., 55c. per 10 lbs., 25 lbs. \$1.00, \$1.75 per 50 lbs., 100 lbs. \$3.00.



Chick Food (Cypher's). 5 lbs. 25c., 45c. per 10 lbs., 25 lbs. 90c., \$3.00 per 100 lbs.

Chick Food (Michell's). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 90c., \$1.50 for 50 lbs., \$2.75 per 100 lbs., 500 lbs. \$12.50.

Chick Food (Park and Pollard). 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 90c., \$1.50 per 50 lbs., 100 lbs. \$2.75.

Chick Manna. Price: 1 lb. 10c., 5 lbs. 40c., 15 lbs. \$1.10, 60-lb. case, in bulk, \$4.20.

Chick Meal (Spratt's No. 5). 25c. per carton, 40c. per 5 lbs., 10 lbs. 70c., \$1.35 per 25 lbs., 50 lbs. \$2.65, \$5.25 per 100 lbs.

Climax Condition Powder (Rust's). Price: 25c., 50c., \$1.00 and \$1.50 per package.

Condition Powder (Saylor's). 25c. per pkge.

Condition Powder (Sheridan's). A natural stimulant and persuader for the hen. 25c. package, 2 1/4 lb. can, \$1.00.

Conkey's Laying Tonic. 25c. pkge.

Corn Meal (Special Process). 5 lbs. 20c., 65c. 25 lbs., 100 lb. \$2.00.

Cow Kure. A tonic for cows and heifers. 50c. can.

Cracked Corn. 4c. per lb., 5 lbs. 15c., 30c. for 10 lbs., 50 lbs. \$1.00, \$1.75 per 100 lbs.



Crissell (Spratt's). 5 lbs. 30c., 50c. per 10 lbs., 25 lbs. \$1.00, \$3.75 per 100 lbs.

Cut Clover Hay. 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 75c., \$1.35 for 50 lbs., 100 lbs. \$2.50, (500 lbs. \$11.25.)

Developing Food (Michell's). 5 lbs. 25c., 40c. for 10 lbs., 25 lbs. 75c., \$1.50 per 50 lbs., 100 lbs. \$2.50, \$11.25 for 500 lbs.

Developing Food (Park and Pollard). 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 75c., \$1.50 per 50 lbs., 100 lbs. \$2.75.



Dog Cakes (Spratt's). 3-lb. pkg. 25c., 6-lb. pkg. 50c., 25-lb. box, \$1.85, 50-lb. box \$3.50, 100-lb. box \$6.50.

Dried Blood Flour. 1 lb. 10c., 50c. per 5 lbs., 10 lbs. 85c., \$1.75 for 25 lbs., 100 lbs. \$6.00.

Egg Food (Imperial). 26-oz. packages, 25c., 50c. for 60 ozs.

Egg Maker and Chick Grower (Lee's). 2 1/2 lbs. 25c., \$2.00 per 25-lb. pail.

Egg Producer (Rust's). 1 lb. 25c., 50c. for 2 1/2 lbs., 6 lbs. \$1.00.

Egg Salt (German). Price: 2-oz. box 25c., 50c. or 4 ozs., 1/2 lb. 80c., \$1.50 per lb.

English Salt Cat. Price, 10c. per brick, 60c. for 6, \$1.10 per doz.

Fairfield's Poultry Regulator. A general tonic and egg producer. Large size 50c., small size 25c.

Gluten Meal. 5 lbs. 20c., 75c. for 25 lbs., 100 lbs. \$2.10.

Grit (Mica Crystal). Fine, medium and coarse. 5 lbs. 15c., 35c. for 25 lbs., 50 lbs. 50c., 100 lbs. 85c., \$3.50 per 500 lbs., 1/2-ton \$6.50, \$12.00 per ton. (Special price F. O. B. Factory.)

Grit (Red Cross Health). For pigeons. 5 lbs. 20c., 35c. for 10 lbs., 25 lbs. 50c., 90c. for 50 lbs., 100 lbs. \$1.50, \$22.50 per ton.

Ground Oats. 5 lbs. 20c., 75c. for 25 lbs., 100 lbs. \$2.10.

Hemp Seed. 12c. per quart, 50c. per peck, \$1.75 per bushel.

Hen-e-Ta Bone Grits. No. 1 for chicks and young fowls. No. 3 for large or grown fowls. 5 lbs. 30c., 50c. per 10 lbs., 25 lbs. \$1.00, \$1.50 per 50 lbs., 100 lbs. \$2.25, \$10.75 per 500 lbs.

Hulled Oats. 6c. per lb., 25c. per 5 lbs. (Prices on larger lots on application.)

Kaffir Corn. 10c. qt. (Price on larger quantities on application.)

Linseed Meal. 10c. per lb., 45c. per 5 lbs., \$2.00 for 25 lbs.

Mash Food (Michell's). 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 75c., \$1.25 per 50 lbs., 100 lbs. \$2.25, \$11.00 per 500 lbs.

Mash Food (Park and Pollard). 5 lbs. 30c., 50c. per 10 lbs., 25 lbs. \$1.00, \$1.50 per 50 lbs., 100 lbs. \$2.75.

Meat (Prepared). Price: 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 90c., 50 lbs. \$1.75, 100 lbs. \$3.25, 500 lbs. \$15.75, half-ton \$30.00, \$55.00 per ton.

Middlings. 5 lbs. 20c., 75c. for 25 lbs., 100 lbs. \$2.25.

Millet (For Feeding). 10c. per quart, 4 quarts 25c., 40c. per peck, per bushel \$1.30.

Oat Meal (Pin Head). 5 lbs. 35c., 65c. for 10 lbs., 25 lbs. \$1.50, \$5.00 per 100 lbs.

Oyster Shell. 5 lbs. 10c., 25c. for 25 lbs., 50 lbs. 50c., 75c. per 100 lbs., 500 lbs. \$3.25, \$10.00 per ton.

Pemmican Powder (Davis'). A tonic and egg producer. 25c. and 50c. pkg.

Pheasant Meal (Spratt's). No. 12 Fine, No. 5 Coarse. State which is wanted when ordering. 5 lbs. 40c., 70c. per 10 lbs., 25 lbs. \$1.35, \$2.65 per 50 lbs., 100 lbs. \$5.25.

Poultry Food (Spratt's No. 3). 5 lbs. 40c., 70c. for 10 lbs., 25 lbs. \$1.35, \$2.65 per 50 lbs., \$5.25 per 100 lbs.

Poultry Powder (Barker's). A general condition powder for horses and cattle. Packages 25c.

Poultry or Scratch Food (Michell's). 5 lbs. 20c., 40c. per 10 lbs., 25 lbs. 75c., \$1.25 per 50 lbs., 100 lbs. \$2.25, \$11.00 per 500 lbs., 1000 lbs. \$21.00, \$41.00 per ton.

Pratt's Poultry Regulator. Price: 8-oz. packages 10c., 26-oz. packages 25c., 50c. per 4-lb. package, 12 lbs. \$1.25, \$2.50 for 25 lbs., 50 lbs. \$5.00, \$9.00 per 100 lbs.

Prepared Pigeon Food. 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 90c., \$1.25 per 50 lbs., 100 lbs. \$2.50, \$11.75 per 500 lbs.

Puppy Cakes (Spratt's). 3-lb. pkg. 30c., 6-lb. pkg. 60c., 25-lb. box \$2.00, 50-lb. box \$3.65, 100-lb. box \$7.00.

Scratch or Poultry Food (Spratt's). 5 lbs. 25c., 45c. per 10 lbs., 25 lbs. 90c., \$1.75 per 50 lbs., 100 lbs. \$3.25.

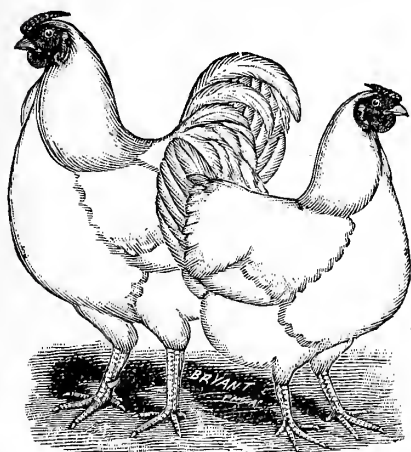
Sunflower Seed. 10c. qt., 4 qts. 30c., 55c. peck, bushel \$1.75.

Wheat Screenings. 5 lbs. 20c., 50c. per 25 lbs., 100 lbs. \$1.60.

Send for a copy of our Poultry Supplies Catalog

LOUSE POWDERS, CURES FOR POULTRY DISEASES, Etc.

LOUSE DESTROYERS, DISINFECTANTS, Etc.



Carbolineum. A poultry house disinfectant, louse and mite destroyer, excellent wood preservative in gal. cans only. \$1.50 per gallon.

Death to Lice (Lambert's). 5-oz. size 10c., 25c. for 15 ozs., 48 ozs. 50c., \$1.00 per 100-oz. pkg.

Death to Lice Ointment. 1 oz. 10c., 25c. per 3-oz. size.

Death to Lice (Special). 4 ozs. 10c., 25c. per 16-oz. size.

Dog Soap (Spratt's). 25c. per cake postpaid (or 20c. over the counter).

Dog Wash (Rigler's). For mange, etc. 25c. per bottle.

Electric Poultry Bath. A preparation which is mixed with sifted ashes, sand or whatever is used for poultry dusting or bathing. The most natural way for destroying lice; the fowl does the work. Small size 25c., \$1.00 per large bag.

Lice Killer (Lee's). Liquid. Qt. 35c., ½ gal. 60c., gal. \$1.00, 5 gals. \$4.00.

Lice Killer (Pratt's). Liquid. Qt. 35c., ½ gal. 60c., gal. \$1.00.

Louse Powder (Lee's). 1¼ lb. size 25c., \$2.75 per doz. pkgs.

Louse Powder (Michell's). 25c. per carton, \$2.50 per doz.

Louse Powder (Pratt's). 5 ozs. 10c., 25c. lb., 2½ lbs. 50c.

Louse Powder (Schild's Lightning). 25c. pkg.

Saylor's Louse Powder. Per large box 25c., \$2.75 per doz.

Oil of Tar. Qt. 40c., 65c. per ½ gal., 1 gal. \$1.00.

Persian Insect Powder. ¼ lb. 15c., 25c. ½ lb., lb. 45c.

Rat Corn. For killing rats and mice without poisoning any other animal or bird. 15c., 25c., 50c., \$1.00 per box.

Sulphur Candles. Small 10c., \$1.00 doz.; large 20c., doz. \$2.00.

Thymo-Cresol (Sheep Dip). 4 ozs. 25c., 8 ozs. 40c., qt. 70c., \$1.10 ½ gal., gal. \$2.00.

Tobacco Dust. Lb. 10c., 25c. for 5 lbs., 25 lbs. \$1.00.

Zenoleum (Liquid). ½ pt. 25c., 50c. qt., ½ gal. 90c., \$1.50 gal., \$6.25 per 5 gals.

Zenoleum (Powder). 25c. per large package.

REMEDIES FOR POULTRY AND DOG AILMENTS

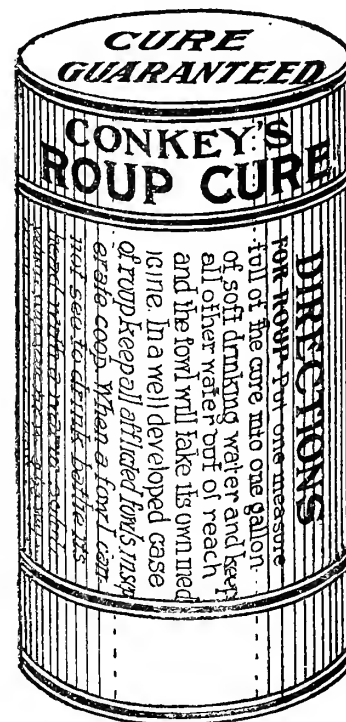
Conkey's Chicken Pox Remedy. 25c. per box.

Dog Medicines (Spratt's). Alterative Cooling Tablets 50c. per box, Diarrhea and Dysentery Cure 50c., Distemper Tablets 75c., Eczema Cure 50c., Locurium Ointment 50c., Mange Cure 50c., Purgative Tablets 50c., Puppy Vermifuge Tablets 50c.

Fairfield's Roup Cure. Per bottle 25c.

Gape Cure (Madoc). ½ lb. 20c., 35c. per lb.

Gape Extractors. Hallowell 10c., Pilling's 25c.



Germozone (Lee's). Tablets or liquid, 50c.

Multum in Parvo. For cholera, roup, etc. Small pkg. 20c., 35c. per large pkg.

Roup Cure (Conkey's). Small 25c., medium size 50c., large \$1.00.

Roup Cure (F. P. C.). ½ lb. 20c., 40c. lb.

Roup Pills (Rust's). 50 for 25c., 112 for 50c.

Roup Syringe. 10c. postpaid.

"OCULUM"

Oculation for fowls is a new discovery; it provides one of the best methods of fighting cholera, roup, diarrhea, etc. Besides being a cure for any of the above-named diseases, it also acts as a preventative against future attacks of the same or other diseases, as it practically renders the fowl immune. May be used on chicks and grown fowls with equal success. It acts like magic, the curative effects being noticeable in a few hours. It is absolutely guaranteed to do the work or money refunded. 50c. and \$1.00 per bottle (postpaid). This price includes a glass syringe for injecting.

HEADQUARTERS FOR RECLEANED BIRD SEEDS, Etc.

It pays immensely to buy bird seed from us because it is always fresh; put up every week. We buy the best and then reclean it carefully to remove all impurities. Users will find it the highest grade they ever have had.

Qt. 4 Qts. Peck Bush.

Ants Eggs \$0.50

Canary, plain Sicily .15 \$0.50 \$0.80 \$3.00

"Mixed .. .15 .50 .70 2.75

Hemp Seed12 .35 .50 1.75

Millet Seed (Im-

ported)10 .25 .40 1.30

Parrot Food

(Spratt's), 10c.

pkg., \$1.20 per doz.

Rape Seed (Ger-

man)15 .50 .90 3.50

Sunflower Seed .. .10 .30 .55 1.75

Unhulled Rice .. .20 .60 1.10 3.50

Bird Manna. Keeps Canary Birds in prime

condition. Pkg. 15c.

Cuttle Fish Bone. 3c. each, 50c. per lb.

Lettuce Seed. 5c. per oz., 10c. per ¼ lb., per lb. 20c.

Maw Seed. ¼ lb. 7c., 20c. per lb., 5 lbs. for 70c.

Song Restorer for Canaries, revives the desire to be lively and sing more lustily. Price, 10c. per bottle; per doz., \$1.00.

Vetches or Tares for Pigeon Feeding. 10 lbs. 60c., \$1.25 per 25 lbs., 100 lbs. \$4.75.

SUNFLOWER SEED

We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article.

10c. per qt., 4 qts. 30c., 55c. per peck, per bushel \$1.75.



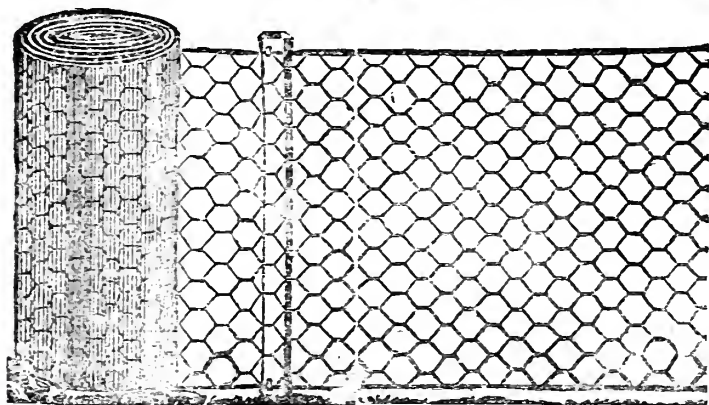
Canary Seed



Parrot Seed

Prices on Bird Seed subject to change

POULTRY SUPPLIES



GALVANIZED WIRE NETTING

No. 19, two-inch mesh, 150 running feet per bale.

	Price		Price
12 inch wide	\$0.90	42 inch wide	\$2.85
18 " "	1.25	48 " "	3.15
24 " "	1.65	60 " "	4.00
30 " "	2.00	72 " "	4.50
36 " "	2.40		

No. 20, one-inch mesh, 150 running feet per bale.

	Price		Price
12 inch wide	\$1.80	42 inch wide	\$5.50
18 " "	2.60	48 " "	6.50
24 " "	3.40	60 " "	8.00
30 " "	4.20	72 " "	9.50
36 " "	5.00		

Staples for fastening netting, 10c. per lb., 10 lbs. for 85c.

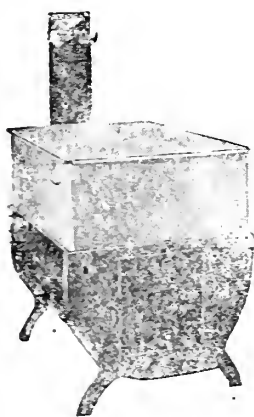
CUT WIRE NETTING

2-in. mesh, under 100 sq. ft., 1c. per sq. ft.; 2-in. mesh, 100 sq. ft. and over, 3/4c. per sq. ft.; 1-in. mesh under 100 sq. ft., 2c. per sq. ft.; 1-in. mesh, 100 sq. ft. and over, 1 1/2c. per sq. ft.

PITTSBURG PERFECT FENCING

The most substantial fencing possible to procure. The joints being welded by electricity, make it exceedingly attractive. It is thoroughly galvanized, extra well made and is the up-to-date fencing for poultry yards, etc. Price for regular style, with top and bottom strands of No. 11 wire; centre of No. 14 wire, in bale lots only, of 165 running feet.

	Per Bale		Per Bale
24 in. high	\$2.80	52 in. high	\$4.25
36 in. high	3.75	58 in. high	4.50
46 in. high	4.00		



FARMERS' FEED COOKER

Poultry must have warm food if you expect them to lay in winter when eggs are high.

No.	Cap.	Gals.	Size Boiler	Length Fire Box	
1	5		22 x 22 x 12	24 in.	\$10.00
2	30		22 x 24 x 15 1/2	24 in.	10.50
3	40		22 x 30 x 14	30 in.	12.00
4	50		22 x 36 x 15	36 in.	13.00
5	75		22 x 48 x 17	48 in.	15.00
6	100		22 x 60 x 17	60 in.	17.00

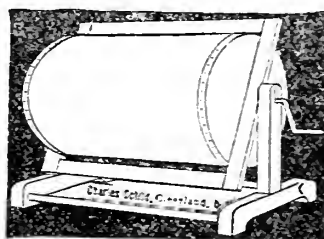
The above prices are for the Cooker complete, for burning wood, one length of 6-in. stove pipe and damper and one 6-in. elbow. Coal grate and lining \$3.50 additional.

POULTRY DUSTERS

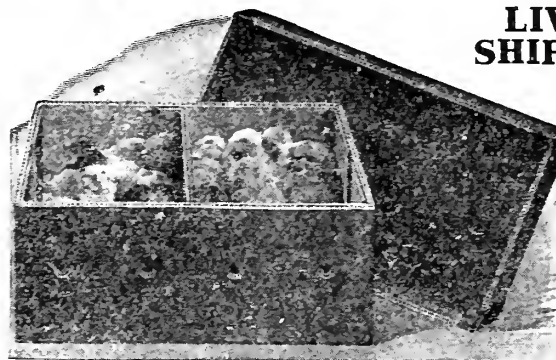
These are excellent for ridding fowls of lice. Put a number of them in machine at one time, and a few turns does the work with the aid of a lice powder.

No. 1. Small size	\$2.50
" 2. Medium size	3.00
" 3. Large size	4.00

SPECIAL POWDER for using in these machines, 25c. pkg.



Lightning Poultry Duster



LIVE CHICK SHIPPING BOX

Made of corrugated paper, extensively used, will carry chicks any distance with perfect safety. Are shipped knocked down and take up small amount of space.

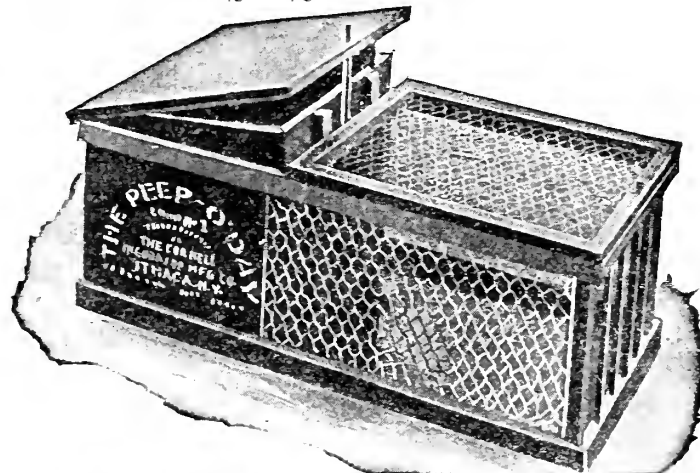
Capacity	Size	Each	Doz.
25 Chicks	12 x 6 x 5	\$0.12	\$1.35
50 Chicks	12 x 12 x 5 .....	.20	1.85
100 Chicks	24 x 12 x 5 .....	.30	3.35



THE EYRIE SHIPPING COOP

Made of corrugated paper, will carry any distance, saves expressage and always delivers the contents in good shape. Shipped knocked down, and takes up very little space in stock-room.

Letter	Size	Each	Doz.	Letter	Size	Each	Doz.
A..	12 x 16 x 18 in.	\$0.35	\$3.75	D..	20 x 22 x 22 in.	\$0.55	\$6.00
B..	12 x 18 x 22 in.	.40	4.25	E..	20 x 24 x 24 in.	.65	6.50
C..	12 x 22 x 22 in.	.45	4.50				

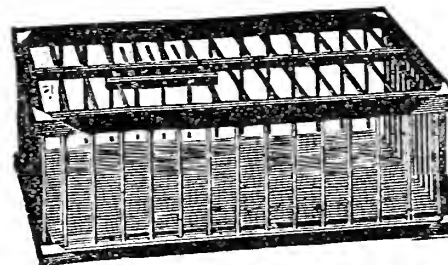


PEEP-O'DAY BROOD COOPS

These coops are designed as a suitable place for a hen with a brood of young chicks. They have a removable wooden floor, which insures dryness. The opening of the coop can be closed at night to prevent any animals from the outside getting in.

No. 1 Size, \$3.00 each; 6 for \$17.50; 12 for \$34.00. (Special price f. o. b. factory.) Large Size, \$3.25 each; 6 for \$19.00.

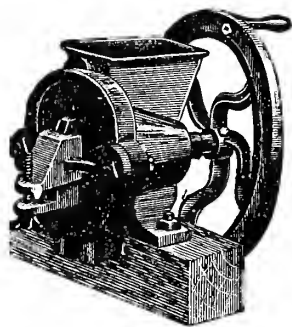
THE KEYSTONE SHIPPING CRATE



Is made of strong but light wood, securely braced at every joint with patent strap iron, while each corner is secured with a turned strap iron from top to bottom. Weight, about 15 lbs. Size, 1 foot high, 2 feet wide, 3 feet long.

Price: \$1.25 each; \$13.00 per doz.

All prices subject to market changes

BONE MILLS*Wilson's Dry Bone Mill***WILSON'S
No. 1 MILL**

This Mill is adapted for grinding oyster shells, dry bones, corn meal, etc., and by means of a regulating screw on the back can be made to grind any desired fineness, \$4.50; \$6.50 with Legs and Stand.

STANDARD GREEN BONE MILLS

No. 10, for bench use, crank handle ..	\$6.75
" 9, for bench use, wheel handle ..	8.80
" 8, with stand, wheel handle	10.50
" 7, for bench use, wheel handle ..	12.00
" 6, with stand, wheel handle	14.50
" 3, for power or hand use	17.75

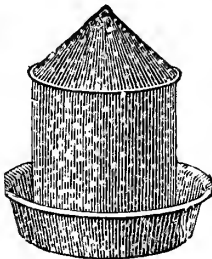
Also numerous other sizes.

MANN'S GREEN BONE MILLS

No.	Each
5-C with crank handle	\$6.00
5-B with balance wheel	8.00
5-B M with balance wheel and stand..	10.40
7 with balance wheel	12.00
9 with balance wheel	18.40
11, for power	26.00
12, for power	30.00

**PHILADELPHIA
FOUNTS**

Capacity	Each	Per Doz.
1 qt.	25c.	\$2.50
2 qts.	35c.	3.50
4 qts.	50c.	5.00
8 qts.	75c.	7.50

**PHILADELPHIA FOUNTS
(Stoneware)**

1/2 gallon size.....	30c. each; dozen, \$3.25
1 " " " " " " " " " " " "	45c. " " " " " " " " " " " "

NESCO FOUNTS (Galv.)

1 qt.	25c. each; per doz., \$2.50
2 " " " " " " " " " " " "	30c. " " " " " " " " " " " "
4 " " " " " " " " " " " "	45c. " " " " " " " " " " " "
8 " " " " " " " " " " " "	65c. " " " " " " " " " " " "

HOODED STONE FOUNTS

Capacity	Each	Doz.	Capacity	Each	Doz.
1 pt.	25c.	\$2.25	4 qts. ..	60c.	\$6.25
1 qt.	30c.	3.00	6 " " " " " " " " " " " "	75c.	7.75
2 " " " " " " " " " " " "	40c.	4.25	8 " " " " " " " " " " " "	85c.	8.00
3 " " " " " " " " " " " "	50c.	5.25			

SANITARY CHICK FOUNT

An entirely new feature. It is exceedingly practical so far as its actual use is concerned as chicks cannot upset it or get wet. Capacity, 1 quart, 30c. each; per doz., \$3.00.

**GAPE WORM EXTRACTORS**

Hallowell, Silver and Horse Hair, 10c. each; \$1.00 per dozen.
Pilling, made of German Silver, 25c.

*Pilling Gape Extractor.***NORWICH AUTOMATIC FEEDER**

It is but necessary to fill the Hopper with such grain feed as may be desired, filling the Feed Bar and adjust the valve at the bottom of the Hopper to feed in such quantities as desired. Set the machine anywhere, give the Feed Bar a turn or two, and in ten to fifteen minutes every hen in the flock will take in the situation and work it.



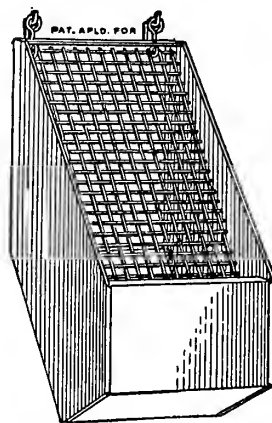
No. 1—8-Quart. Weight..	15 lbs.	\$2.50
2—14 " " " "	18 " "	3.25
3—20 " " " "	22 " "	4.10
4—27 " " " "	25 " "	5.00

GRIT BOXES

Perfect Galvanized Iron, with three spaces, 50c. each; per doz., \$5.50.

Perfect Galvanized Iron, large size, with three spaces, 75c. each, per doz., \$8.50.

Wooden, extra strong, 35c. each; per doz., \$4.00.

**THE BOSTON DRY FOOD HOPPER***Boston Food Hopper*

Adapted for feeding mash, grain, meat or any dry food, positively prevent waste. Made of galvanized iron and wire.

Small Size, for Brooders, \$1.00 each.

Medium Size, Capacity 8 qts., for grit, shell, meat, etc., 90c.

Large Size, capacity 16 qts. for grain, and mash, \$1.00.

APEX CHICK FEEDERS*Apex Single Feeder*

under the holes, the top is hinged.

Single Feeders

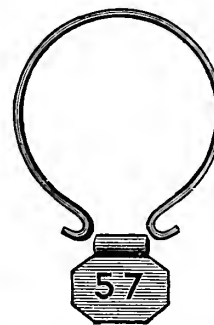
Each	Doz.
3 hole, 25c.	\$2.35
6 hole, 40c.	4.00
9 hole, 50c.	5.25
12 hole, 75c.	7.75

Double Feeders

Each	Doz.
6 hole, 40c.	\$4.00
10 hole, 55c.	5.75
14 hole, 75c.	7.75

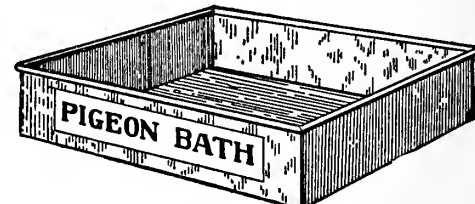
**STEEL KILLING KNIVES**

Progressive, 50c.; by mail, 55c.
French, (see cut), 50c.; by mail, 55c.

LEG BANDS**FOR POULTRY AND
PIGEONS**

	Per 25	100
Climax . . .	\$0.25	\$0.65
Eclipse . . .	.25	.65
Smith Sealed .45		1.50
Double Clinch .25		.65
Champion . . .	.25	.65
Pigeon, Open .25		.65
Pigeon, Seamless .50		1.50
Pigeon, Double Clinch .25		.65

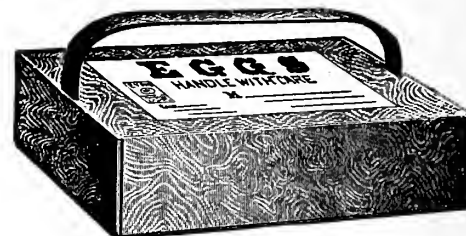
Lettering Bands, either pigeon or poultry, 10c. per 100, extra.

**SANITARY PIGEON BATH**

Galvanized Iron, \$1.00 each; doz., \$11.00

PHILA. PIGEON BATH

Galvanized Iron, \$2.00 each.

**EYRIE CORRUGATED
BOXES FOR EGGS**

1 setting, each, 15c.; \$1.50 per doz.; per 100, \$10.00.

2 settings, each, 20c.; \$2.00 per doz.; per 100, \$15.00.

Also all other styles of Egg Crates and Boxes. See Poultry Supply List.

**WIRE HEN'S
NEST**

Sanitary, easily cleaned, and convenient to handle. 15c. each; per doz., \$1.25.

*Hen's Nest.***PIGEON NESTS (Earthen)**

	Each	Doz.	100
8 inch	\$0.10	\$1.00	\$7.00
9 inch .....	.12	1.15	8.00

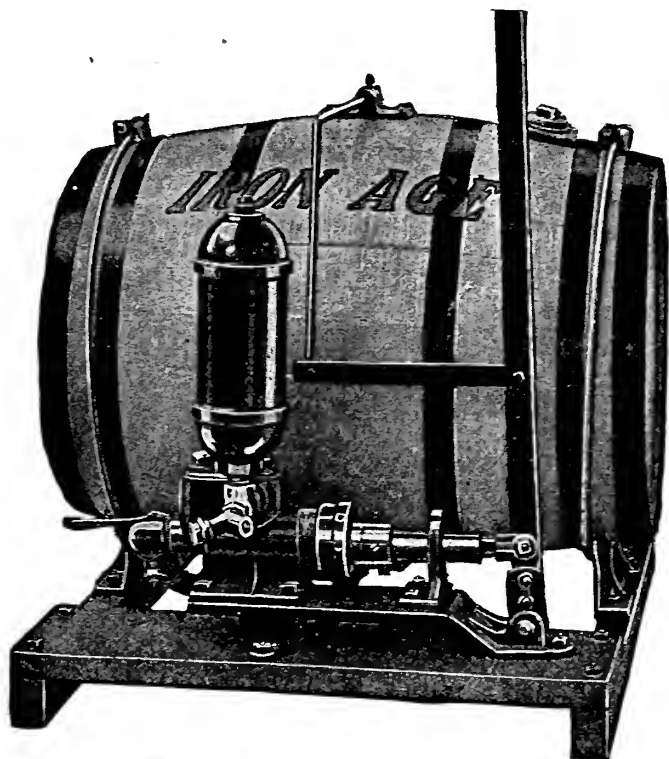
**POULTRY
HOLDER**

For chickens, pigeons, etc. Holds any size from the smallest squab to the largest rooster. Made of malleable iron.

Price, 40c.; \$4.25 per dozen.

MICHELL'S SPRAYING APPARATUS

The time has passed when you can set out trees and shrubs and expect them to grow to perfection without further care. In fact it seems as every tree or shrub has an ailment or an attack by insects each of a different nature, so much so that each requires individual attention. This is of such importance that the Experiment Stations all over this country have given much of their attention to it, and their findings have been of incalculable value. Diseases and insects can no longer exist if the proper insecticide is applied through the medium of an up-to-date spray apparatus. In perhaps no other seed establishment in this country will one find as complete an assortment as is offered by us.



No. 393 Iron Age Barrel Sprayer

IRON AGE SPRAYERS

No. 393. A practical barrel sprayer with a pump and working parts on the outside. Valves and all working parts are of brass. The hand lever to which is attached the agitator with an occasional stroke after pressure is up will easily maintain 100 to 125 lbs. This is the most practical barrel sprayer in our judgment on the market to-day. It is just the sprayer to place on a flat or low down wagon; designed especially for the man with a large or small orchard. It is sold complete as shown above with one 15-foot section of $\frac{1}{2}$ -inch hose, vermored nozzle, steel extension rod and bucket strainer for \$25.00. If two fifteen foot leads of hose are desired add \$2.00 to the above price.

IRON AGE BUCKET SPRAYER

(No. 192)

Fine for spraying small bushes, shrubbery and trees. It is a triple chamber affair equipped with brass valves. So made that every part can be gotten at readily, will maintain a pressure of 100 lbs.. Price \$6.00.

IRON AGE BARREL VERTICAL SPRAY PUMP (No. 191)

The pump part is on the outside of the barrel, so that each part can be examined at anytime; every fitting is of brass; it is equipped with an agitator, so that every particle of the solution stays in suspension, any barrel that holds water can be used with it. Price (without barrel) with 12 $\frac{1}{2}$ -foot hose and nozzle, \$18.00.

With two 12 $\frac{1}{2}$ -ft. leads of $\frac{1}{2}$ -inch hose and two nozzles, \$21.00. With steel pipe extension rod, add \$2.00 to the above price.

SPRAY NOZZLES ($\frac{3}{8}$ Inches)

Bordeaux	\$0.75	Duplex Ver. (2 nozzles) ..	\$1.50
Vermorel .....	.75	Triple Ver. (3 nozzles) ..	2.25
Mistry, Jr. ....	.90	Quadruple Ver. (4 noz.) ..	2.50
Winkle Mist .....	.75	Duplex Mistry (2 nozzles) ..	3.00
Shower	1.25		



Simplex Pump

SIMPLEX No. 550 BARREL PUMP

This pump is one of the very best sprayers on the market. Fitted with brass cylinders. Will not corrode or rust. Will throw a stream 40 feet. Plain Pump, no hose or nozzle or barrel. \$7.50.

Outfit A—Pump, with 12 $\frac{1}{2}$ ft. $\frac{1}{2}$ -in. hose, fitted with either a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, without barrel. Price, \$10.00.

Outfit B—Pump, with two 12 $\frac{1}{2}$ -foot sections of $\frac{1}{2}$ -in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, 12.50.

CENTURY BARREL PUMP

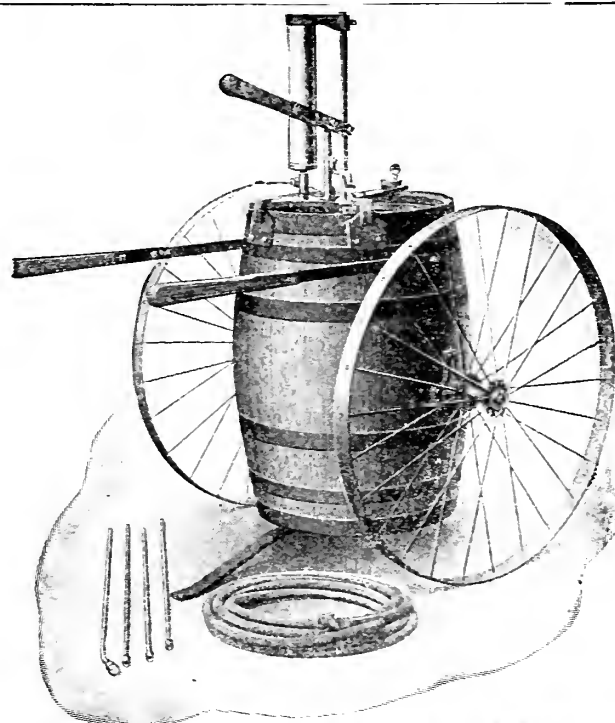
A very powerful pump for the orchard. The working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little effort.

Price for plain pump, no barrel or hose.....\$10.50

Price, complete, with 12 $\frac{1}{2}$ -ft. $\frac{1}{2}$ -in. hose and nozzle, no barrel 13.00

Price, with two 12 $\frac{1}{2}$ -foot leads, hose and nozzles, no barrel 15.00

Barrels, with trunnions ready to mount on truck, with cut head. \$3.25.

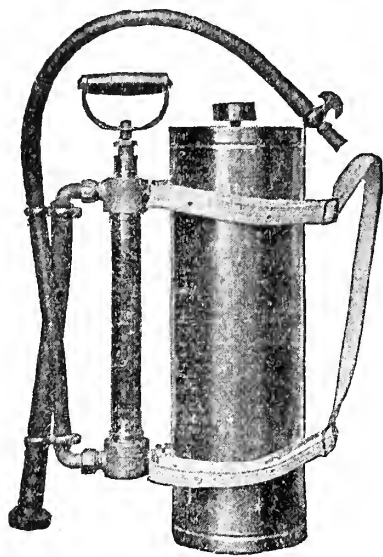


No. 4 PARAGON SPRAYER

This sprayer is especially designed for spraying white wash and water paints in poultry houses and buildings, also is very valuable for spraying trees and shrubbery. It is mounted on two strong 30-inch wheels. Equipped with 10 feet of extension pipe, 20 feet 6-ply hose and 2 spraying nozzles. Price, complete as in cut, \$22.00, or with barrel, but no truck, \$17.00.

All Prices subject to change

MICHELL'S SPRAYING APPARATUS



The Bidwell Sprayer

THE BIDWELL COMPRESSED AIR SPRAYER

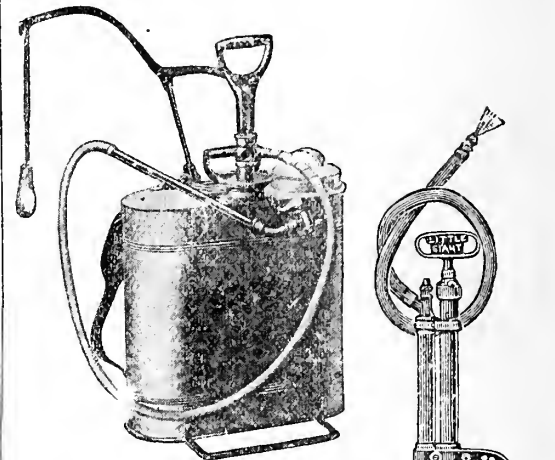
Of all the compressed air sprayers on the market this is absolutely the best one; the heavy sheet-copper tank has a capacity of 5 gallons; the pressure capacity is 45 pounds. Unlike most other sprayers, which have to be pumped several times to empty their reservoir, this one will empty the contents with one charge; the pump is independent of the tanks and every part can be gotten at. The entire apparatus is so constructed that it will appeal instantly to anyone who wants a high grade outfit. Every piece is brass and copper except the hose and washers, and with ordinary care it will last a lifetime. The liquid is pumped into the reservoir through the same hose which takes in the air; positively the best Knapsack sprayer ever invented and the only one ever equipped with a practical pressure gauge to show the contents. Fitted with a famous Winkle-Mist nozzle; full directions with each one, together with our full guarantee. Price \$15.00 each.

DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden, among shrubbery, etc., and also for tree work.

Fig. 675. Copper tank, holding about 7 gals., complete, with pump, nozzle and hose \$14.50

Fig. 654. Galvanized tank, holding about 7 gals., complete, with pump, nozzle and hose 9.50

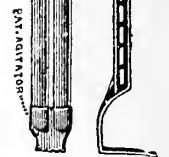


Knapsack Sprayer

MYER'S BUCKET PUMP

This is a double brass chamber arrangement and fills the want of those wanting a medium priced sprayer.

Price \$3.00, including hose and nozzle.



Myer's Pump

DEMING BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ¾ in. hose.



Success Pump

Success (without bucket fastener)...\$4.15

Perfect Success (with bucket fastener) 4.75



LEWIS' SHEET BRASS SYRINGE

Capacity about 1 quart. \$1.75.



BRASS SYRINGES

Made of heavy sheet brass which will last many years with a little care.

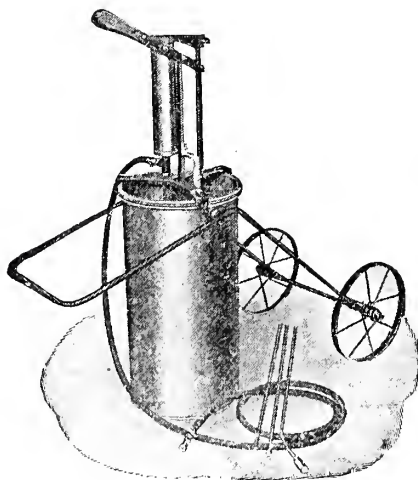
A—I stream and spray hose, 12 in. ...\$2.00

B—I " " " " 13 " ... 3.00

C—I " " " " 14 " ... 3.25

5—I " " " " 18 " ... 5.50

H—18 in. long, 1½ in. diam. 2.50



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

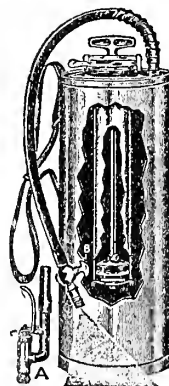
No. 1—With a 5-gal. reservoir, 5-ft. hose and 2 extension pipes, \$10.00.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$15.00.

GARDENERS' CHOICE SPRAY PUMP

Equipped with a 25-gal. reservoir, truck, pump and hose, \$12.50 each.

THE AUTO SPRAY



Auto Spray

The Auto Spray is now used by all the large fruit growers for spraying. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity 40 lbs.

Price, Galvanized iron, \$4.50; Brass, \$6.75.

Auto Pop Attachment controls the flow instantly by a pressure of the hand. When purchased with the

machine (omitting other nozzle), \$1.00 extra; when purchased separately, \$1.35



COPPER STRAINER

For straining whitewash, spraying material, etc. \$1.00 each

EXTENSION PIPES, Etc.

For reaching into trees, ¾-inch threads.

Bamboo, with brass tube, 8 ft.\$2.00

" " " " 10 ft. 2.50

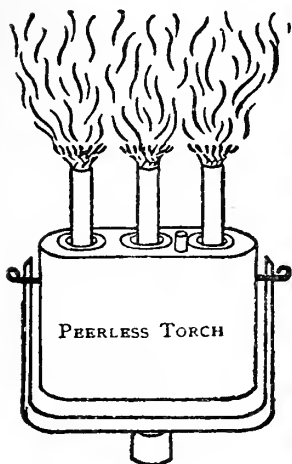
Galv. Iron, 2 ft.30

Brass, 2 ft.45

Pet Cock, for extension pipes40

All Prices subject to Change

SPRAYING AND INSECTICIDE APPARATUS, ETC.—Continued



PEERLESS TORCH



Asbestos Torch



Reservoir Torch

OIL TORCHES

For burning out worms, caterpillars and nests that infest trees.

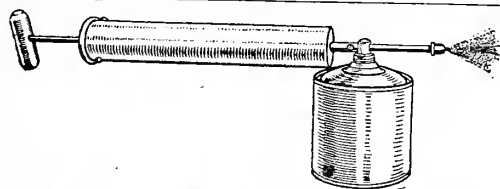
Peerless	.....	\$0.50
Reservoir	.....	.25
Asbestos	.....	.35

POLES FOR TORCHES

Hickory wood. 12 feet, 45c.; 14 feet, heavy, 80c.; 16 feet, heavy, \$1.00.

MICHELL'S SPRAY BOOKLET

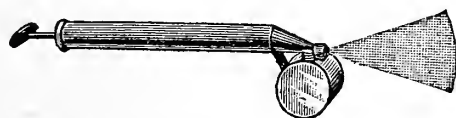
To guide the inexperienced in the proper selection of insecticides, as a remedy against insects and tree and shrubbery diseases, we have compiled a booklet which is complete in detail and a ready help to the gardener. This booklet is free and may be had for the asking.



AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered, very easily operated, especially desirable for ladies' use.

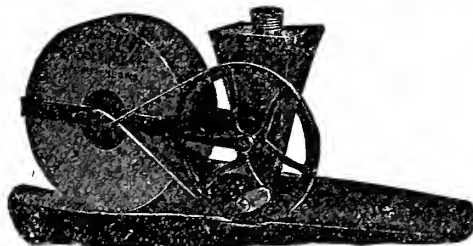
Tin . . . each, \$1.00 | Brass . . . each \$2.00



CYCLONE HAND SPRAYERS

Similar to the above except they do not have the automatic air reservoir attachment.

Tin . . . each, \$0.50 | Brass . . . each, \$1.00



SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Price, \$4.50.

FUMIGATORS

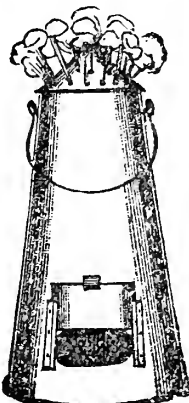
Perfection Make

Fitted with a water tank to prevent burning out.

No.		
1	for house 12x40 ft.	\$3.00
2	" 15x100 ft.	3.50
3	" 20x100 ft.	4.00
5	" 20x150 ft.	5.50

Eureka Make

No.		
1	for house 10x20 ft.	\$1.25
2	" 12x40 ft.	1.75
3	" 15x100 ft.	2.25
4	" 20x100 ft.	3.25



Eureka



Vapor. Lamp

VAPORIZING LAMP

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotinic, Tobacco and other preparations of this sort. 50c. each.

CAMPBELL'S SULPHUR VAPORIZER

This apparatus is designed to safely vaporize sulphur in greenhouses; to kill mildew and other fungus diseases affecting roses, vines, cucumbers, tomatoes, chrysanthemums, strawberries, peaches, and, in fact, any plant; also destroys red spider infesting vines, crotons, asparagus, fern and other plants.

No. 2—Capacity, 6 ozs. of sulphur; sufficient for a house of 10,000 cubic feet capacity. Price, \$7.75.

PARTS FOR CAMPBELL SULPHUR VAPORIZERS

Sulphur Receptacles, each, \$3.50.
Glass Balls, 3c.; 30c. dozen.
Wicks, for either size, 20c. yard.



Sulphur Vapor.

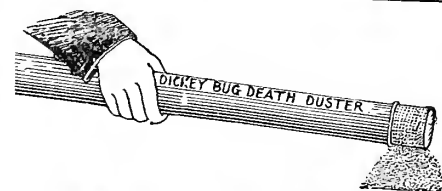
DORRANCE SULPHUR BURNER

An excellent Apparatus for dispensing sulphur fumes. Made entirely of copper; indestructible and will last forever. Price, \$5.50.

PARIS GREEN SHAKERS

Tin. For dusting vegetables, potatoes, small fruits and shrubbery, 50c. each.

Farmer's Favorite. (See cut.) Large double-action affair, \$1.25 each.



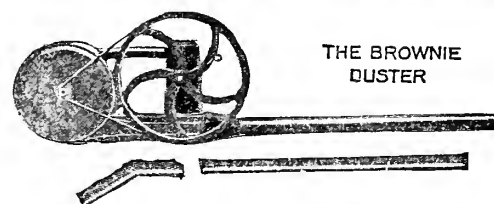
DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc.

Price, 25c.; by mail, 35c.

CHAMPION GUN

This machine will distribute dry insecticides, covering one or two rows at one time. Will save its price in material used in one season. Price, \$8.00.



THE BROWNIE DUSTER

BROWNIE GUN

This machine is especially intended for distributing Paris Green, London Purple, etc. Price, \$4.00.



WOODASON HAND BELLOWS

Large double cone, each	.....	\$3.00
Large single cone, each	.....	2.00
Small single cone, each	.....	1.10
Liquid spraying, each.....small,		\$1.50;
large	.....	2.00
Sulphur Bellows, each	.....	1.50

JUMBO POWDER GUN



Very useful in the dwelling or for other places. Distributes dry powder very satisfactorily. Price, 20c.

HEADQUARTERS FOR INSECT DESTROYING PREPARATIONS

Ant Exterminator. A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per $\frac{1}{4}$ lb. 20c., per $\frac{1}{2}$ lb. 40c., 75c. per lb.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. $\frac{1}{4}$ pt. 25c., 40c. per $\frac{1}{2}$ pt., pt. 65c., \$1.00 per qt., per gal. \$2.50.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg. 60c., \$6.50 per 12 pkgs.

Arsenate of Lead (Swift's). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb. 25c., 90c. per 5 lbs., per 10 lbs. \$1.60, \$3.75 per 25 lbs., \$6.00 per 50 lbs., per 100 lbs. \$10.00.

Arsenate of Lead (Bowker's Disparene Brand). Easy to apply and won't injure the most delicate foliage on trees. 1 lb. dilutes to 25 gals. of water. It sticks like paint to the foliage. 1 lb. 25c., 40c. for 2 lbs., 5 lbs. 90c., \$1.60 for 10 lbs., 25 lbs. \$3.75, \$6.50 per 50 lbs.

Black Leaf 40. A concentrated solution of Nicotine Sulphate, an excellent spray for black aphids sucking insects of all kinds; dilutes 1 part to 900 or 1000 parts of water, according to treatment. Full directions on each package. $\frac{1}{2}$ lb. 85c., \$3.25 per 2 $\frac{1}{2}$ lbs., 10 $\frac{1}{2}$ lbs. \$12.50.

Bordeaux Mixture. We sell this in both paste and dry form. The dry form is probably the better, although the paste form is most convenient. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees. In paste or pulp. One part dilutes to 50 parts of water. Per qt. 40c., \$1.00 per gal., 5 gals. \$4.50.

Quick Bordeaux (in dry form). This is a combination of the proper materials put up in burlap sacks with full directions for using on each. All that is necessary to make Bordeaux Mixture is to suspend the sack in a barrel of water or other receptacle and let the contents dissolve. This method is the most modern way of making bordeaux. 6-lb. sack makes 30 gals. liquid, price 60c.; 10-lb. sack makes 50 gals. liquid, price 90c.

Boro-Wax. For painting trees to destroy and keep away borers. 35c. per qt., per gal. \$1.00.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb. 15c., 35c. per 3 lbs., per 5 lbs. 50c., per 12 $\frac{1}{2}$ lbs. \$1.00, \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

Cow Ease. Excellent for keeping flies and gnats off domestic animals. Applied with a sprayer or a sponge. Per qt. 35c., \$1.00 per gal., per 5 gals. \$4.00.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt. 60c., \$1.75 per gallon.

Dalmation or Persian Powder. For ridding buildings of all kinds of various insect pests. Particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 15c. per $\frac{1}{4}$ lb., per lb. 45c., \$2.00 per 5 lbs.

Disparene (Bowker's). A trade name for a brand of Arsenate of Lead, which it resembles in every way. Dilute 1 lb. to 25 gals. water. Price, 25c. per lb., 5 lbs. 90c., \$1.60 per 10 lbs., 25 lbs. \$3.75, \$6.50 per 50 lbs.

Fir Tree Oil. Used for destroying mealy bug, red spider, and mild forms of scale. Also to spray for thrip, green fly, etc. It is diluted in water according to directions for various purposes. Per $\frac{1}{2}$ pt. 50c., 75c. per pint, per qt. \$1.50, \$2.75 per $\frac{1}{2}$ gal., per gal. \$5.00.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per $\frac{1}{2}$ lb. 25c., 75c. per 2-lb. can.

Fungine. An excellent remedy for fungous diseases of all kinds. 75c. per qt., per gal. \$2.00.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs. 35c., 60c. per 10 lbs., per 25 lbs. \$1.50, \$5.00 per 100 lbs.

Getz There Soap. Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs. 40c., \$1.00 for 8 lbs.

Hellebore. The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per $\frac{1}{4}$ lb. 10c., 15c. per $\frac{1}{2}$ lb., per lb. 25c., \$1.00 per 5 lbs., per 10 lbs. \$1.85.

Hydrocyanic—Acid Gas (Fumigation with Cyanide Potassium) Poison. As given to us by a practical gardener. Put a tablespoonful of water in a galvanized iron pail, add to this 1 oz. of Sulphuric Acid, wrap an ounce of Cyanide of Potassium in paper and place it in the bucket, which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for a house 20 x 100 ft. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant, but the user should take great care of himself. Cyanide of Potassium (Poison), per $\frac{1}{4}$ lb. 40c., \$1.00 per lb. **Sulphuric Acid**, lb. 40c.

Kerosene Emulsion. Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. PASTE: Per lb. 20c., per 5-lb. can 75c., per 25-lb. can \$3.00. LIQUID: Per qt. 40c., per gal. \$1.00.

Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt. 30c., 50c. per qt., per $\frac{1}{2}$ gal. 75c., per gal. \$1.25, \$5.00 per 5 gals., per 25 gals. \$21.25, per 50 gals. \$42.50.

Kil-Worm. Excellent for using on lawns and other places infested by worms. Do not use Kil-Worm directly on other growing plants, in any way, as it is very strong, and might injure them. It dilutes in water and is therefore economical. Per qt. 65c., \$1.25 per $\frac{1}{2}$ gal., per gal. \$2.00, \$9.00 per 5 gals.

Lemon Oil Co.'s Insecticide. The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Half pt. 25c., pt. 40c., qt. 75c., half gal. \$1.25, gal. \$2.00, 5-gal. kegs \$9.00, 10-gal. kegs \$17.50.

Lime Sulphur (Scalime). For destroying San Jose Scale. This is a concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. 25c. qt., $\frac{1}{2}$ gal. 45c., 75c. gal., 5 gals. \$2.75, \$3.75 for 10 gals., 25 gals. \$6.50, \$10.50 per 50 gals.

Lime Sulphur (Bowker's Concentrated). One gal. makes 10 gals. of spray; dilute with cold water. 75c. per gal., 5 gals. \$2.25, \$4.00 per 10 gals., 25 gals. \$6.50.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, 85c. (Postpaid, \$1.00.) With directions.

London Purple. This largely displaces Paris Green, being not quite so strong. It is also less dangerous to use than the former. Per lb. 25c., \$1.10 per 5 lbs.

Nicoticide. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphids, white fly, and red spider, etc. Per $\frac{1}{4}$ pt. 70c., per $\frac{1}{2}$ pt. \$1.25, per pt. \$2.50, per qt. \$4.50, \$8.25 per $\frac{1}{2}$ gal., 1 gal. \$15.00. (Lamps for Nicoticide, 50c. each.)

HEADQUARTERS FOR INSECT DESTROYING PREPARATIONS

Nico-Fume (Liquid). This is used in very much the same way as Nicoticide. Per $\frac{1}{4}$ pt. 50c., per pt. \$1.50, per $\frac{1}{2}$ gal. \$5.50, per gal. \$10.50.

Nico-Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, 75c.; per 144 sheets, \$3.50; per 288 sheets, \$6.50.

Nikoteen. One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for pea lice in the garden. \$1.50 per pt., per 10 pts. \$14.00.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 15c. per $\frac{1}{4}$ lb., per $\frac{1}{2}$ lb., 25c., 35c. per lb., \$1.60 per 5 lbs., per 14 lbs. \$4.20.

Pyrox (Bowker's). A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb., 5 lbs. \$1.00, \$1.75 per 10 lbs., 25 lbs. \$4.00, 50 lbs. \$7.50, \$13.50 per 100 lbs., 200 lbs., \$26.50, \$62.50 per 500 lbs.

Readeana Rose Bug Exterminator. A poisonous preparation which dilutes in water. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Will not injure flowers. Small pkgs. 50c., \$1.00 per large pkg.

Sulphocide. A summer spray against fungous diseases, one of the best preparations of its kind. 50c. pt., qt. 75c., \$2.00 per gal.

Scalecide (Soluble Crude Oil). Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. 45c. per qt., per gal. \$1.00, \$3.25 per 5 gals., 10 gals. \$6.00, \$16.00 per 30-gal. bbl., per 30 gal. jacketed tin \$15.00, \$25.00 per 50-gal. bbl.

Scale Destroyer (Target Brand). This is a preparation similar to Scalecide, but is not a crude petroleum. It is manufactured from a very fine grade of paraffine oil, and has many excellent properties. Dilute at various strengths according to season. Per qt. 35c. 65c. per $\frac{1}{2}$ gal., per gal. \$1.00, \$3.75 per 5 gals., 10 gals. \$7.50, 25-gal. bbl. \$12.50, per 50-gal. bbl. \$23.00.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt. 35c., \$1.00 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister, per 5 lbs. 30c., 60c. per 10 lbs., 25 lbs. \$1.50, \$2.50 per 50 lbs., 100 lbs. \$5.00. Full bbl. lots (about 250 lbs.), $4\frac{1}{2}$ c. per lb., f. o. b. Factory; $4\frac{3}{4}$ c. per lb., f. o. b. Phila.

Sulphate of Copper. For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb. 15c., \$1.25 per 10 lbs., 25 lbs. \$2.75, \$10.50 per 100 lbs.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb. 7c., 30c. per 5 lbs., 25 lbs. \$1.25, \$4.00 per 100 lbs.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 20c. each; per doz., \$2.00; small, 10c. each; per doz., \$1.00.

Sulpho Tobacco Soap. An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package 10c., 20c. per 8-oz. package.

Thymo Cresol (Sheep Dip). This preparation is used for disinfecting, etc., it is also an excellent cold water sheep dip. Per 4-oz. bottle 25c., 40c. per 8-oz. bottle, per qt. 70c., \$1.10 per $\frac{1}{2}$ gal., per gal. \$2.00.

Tobacco Dust for Dusting Only. Excellent for Lettuce and other plants to destroy soft, creeping insects. Per lb. 10c., 25c. per 5 lbs., per 10 lbs. 45c., \$1.00 per 25 lbs., 100 lbs. \$3.50.

Tobacco Dust (Stoothoff's). For either fumigating or dusting. A specially prepared article; state which kind is wanted when ordering. 5 lbs. 35c., 60c. per 10 lbs., 25 lbs. \$1.35, \$2.25 per 50 lbs., 100 lbs. \$4.00.

Tobacco Soap (Pinner's). This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water, making an excellent preparation for washing animals. Per $\frac{1}{2}$ lb. 20c., 40c. per lb.

Tobacco Soap (Sulpho). A combination of tobacco extract and sulphur, fine for washing and spraying plants, dissolve in warm water. 3-oz. cake 10c., 20c. per 8-oz. cake.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb. 5c., 20c. per 5 lbs., per bu. 50c., \$1.00 per bbl. bag, per large bale \$2.00, \$6.50 per half-ton, per ton \$12.00.

To-Bak-Ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package, of 24 sheets, 75c.; \$6.50 per box of 244 sheets.

To-Bak-Ine Liquid. Similar to Nicoticide, except that it comes in two distinct grades—fumigating and spraying, state which is wanted when ordering. Price of either: Per $\frac{1}{4}$ pt. 60c., \$1.10 per $\frac{1}{2}$ pt., per pt. \$2.00, \$7.75 per $\frac{1}{2}$ gal., per gal. \$15.00.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, caterpillars and other crawling pests cannot get over it. Per lb. 30c., 3-lb. cans 85c., 10-lb. cans \$2.65, \$4.80 per 20 lbs.

Vaporite. Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 lb. 15c., 60c. per 5 lbs., 10 lbs. 90c., \$2.00 for 25 lbs., 50 lbs. \$3.75, \$6.50 per 100 lbs.

Whale or Fish Oil Soap. For mild forms of Scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off Lemon trees, Oleanders, and almost anything that would be infested with a soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per $\frac{1}{2}$ lb. 10c., 20c. per lb., per 5 lbs. 60c., \$1.10 per 10 lbs., per 25 lbs. \$2.00, \$6.50 per 100 lbs.

Whale Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 20c. per 1-lb. can, 5-lb. can 75c., \$1.75 per 25-lb. can, 50 lbs. \$3.25, \$5.00 per 100 lbs., 425-lb. bbl. \$17.00.

Wilson's Plant Oil. This is a soluble oil preparation, excellent for plant lice of all kinds. It is particularly valuable for greenhouses and conservatories, although it can be used to good advantage outdoors. Per pt. 40c., 75c. per qt., per gal. \$2.00.

Worm Eradicator (Reade's Electric). This has been found to effectually destroy worms in greenhouse benches and in potted plants or for outdoor use. It may be used with perfect safety, and results are sure. Per bottle, 50c. and \$1.00, \$3.65 per gal., 2 gals. \$7.60, \$16.85 per 5 gals.

Worm Eradicating Fertilizer (Carter's). This preparation is made in England where it is used extensively, though the demand has reached this side, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. This preparation acts as a fertilizer as well as a worm destroyer. In 100 lb. bags only, \$4.50; \$35.00 per 1000 lbs., 2000 lbs. \$65.00. Apply at the rate of $\frac{1}{2}$ lb. per square yard.

Yel-O-Bor-Kill. An excellent article for spraying against attacks of borers; fine remedy for the Yellows in peach trees; also for San Jose Scale. 40c. per qt., per gal. \$1.50.

FERTILIZERS

Our List embraces the very best and most modern kinds. We are Headquarters in Philadelphia, and can quote special prices on car-load quantities.

Prices subject to Market Changes

Blood, Bone and Potash. The finest fertilizer for the truck patch or garden, combines every element of fertilizer; valuable for all vegetable crops, grass, grain or flowers. Note the high analysis: 5% av. phos. acid, 6% ammonia, 7% potash. Per 100 lbs. \$2.50, \$4.50 per 200 lbs., per ½ ton \$19.00, \$37.00 per ton.

Ammoniated Lawn Lime (*Destroys Weeds in 48 Hours*). A chemical compound which when applied as a dressing kills all weeds in lawns, a single application is generally all that is needed. Select a bright sunny day, apply at the rate 1 lb. to 40 square feet (a space 10 x 4). It fertilizes the grass, besides destroying the weeds. 2 lb. tin 30c., 60c. for 5 lbs., 25 lbs. \$2.00, \$6.00 per 100 lbs.



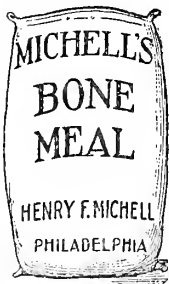
Ashes (*Canadian Hard Wood*). Apply 1000 lbs. per acre. For top dressing lawn and grass fields, it is applied to best advantage either in very early spring or late fall. 5 lbs. 20c., 35c. per 10 lbs., 25 lbs. 60c., 85c. per 50 lbs., 100 lbs. \$1.50, \$2.50 per 200-lb. barrel, 1000 lbs. \$11.50, \$22.00 per ton.

Acid Phosphate. Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$2.00; \$14.50 per ton.

Basic Slag. (*See Phosphate.*)

Blood (*Dried*). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs. 30c., 50c. per 10 lbs., 25 lbs. \$1.10, \$2.00 per 50 lbs., 100 lbs. \$3.75, \$6.75 per 200 lbs.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. 5 lbs. 50c., 85c. per 10 lbs., 25 lbs. \$1.75, \$3.25 per 50 lbs., 100 lbs. \$6.00, \$11.50 per 200 lbs.



Bone Meal (*Regular Pure Grade*). Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns, greenhouse and in any case where a moderately slow stimulant fertilizer is wanted. 3 lbs. 15c., 25c. for 5 lbs., 10 lbs. 40c., 75c. per 25 lbs., 50 lbs. \$1.25, \$2.00 per 100 lbs., 200 lbs. \$3.50, \$32.00 per ton.

Bone Meal (*Michell's Special Grade*). We have been fortunate in locating a source from which we could get an unusual high

grade of Bone Meal. By contracting for the entire output, the manufacturer agreed to let us have it. It is unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, garden and greenhouses, or any purpose where a high class fertilizer counts. Always specify Michell's Special Grade when ordering. 100 lbs. \$2.25, \$3.75 per 200 lbs., ton \$35.00.

Button Bone. Same price as Michell's Special Bone Meal.

Bone Flour. Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs. 30c., 45c. per 10 lbs., 25 lbs. \$1.00, \$1.50 per 50 lbs., 100 lbs. \$2.50, \$4.50 per 200 lbs., ton \$40.00.

Bone (*Course Ground*). Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal except that it is not so fine, or quick in action, is used for the same purposes. 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 85c., \$1.50 per 50 lbs., 100 lbs. \$2.50, \$4.00 per 200 lbs., per ton \$35.00.

Bonora. Directions for use are on each package. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail, 30c.), 50c. per lb. (by mail 66c.), \$2.50 per 5 lbs.

Bon Arbor. A concentrated chemical fertilizer similar to Bonora but less expensive; used in liquid form according to directions on the packages. 1 gal. \$2.00, \$0.25 per 5 gals.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 15c. per lb., 5 lbs. 60c., \$1.10 per 10 lbs., 28 lbs. \$2.00, \$3.50 per 56 lbs., 112 lbs. \$6.50.

Copperas (*Sulphate of Iron*). The low cost of this makes it very valuable for field as well as lawn use, it being one of the best articles for the destruction of Canada thistle and other difficult weeds. Especially valuable for eradicating dandelion, sorrel, etc. It dilutes 100 lbs. to 52 gallons of water, enough to treat an acre, and is applied with a sprayer. While it destroys weeds it stimulates the grass. 25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$1.75, 200 lbs. \$2.50, 500 lbs. \$5.75, 1000 lbs. \$11.00.

CLIMAX LAWN SAND

A unique combination of carefully dried and finely ground chemicals, which if sprinkled over the grass destroys moss, chickweed, plantains, dandelions and all other weeds on lawns, tennis courts, golf greens, etc., at the same time promoting the growth of the finer grasses to such an extent that the spaces previously occupied by the disfiguring weeds are quickly covered by a perfect sward of fine close-growing grass, of good color.

				Price
Can of 3½ lbs. for	150 square feet.....			\$0.40
" 7 "	250 " "			.75
" 14 "	500 " "			1.25
Pkg. 28 "	1,000 " "			2.00
" 56 "	2,000 " "			3.50
" 112 "	4,000 " "			6.00
" 560 "	20,000 " "			25.00
" 1120 "	40,000 " "			45.00

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs. 25c., 40c. per 10 lbs., 25 lbs. 85c., \$1.50 per 50 lbs., 100 lbs. \$2.75, \$5.00 per 200 lbs., ton \$42.50.



Cow or Cattle Manure (*Shredded*).

One sack of this is equal to one cart-load of cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. In 100-lb. sacks only. \$2.00 per 100 lbs., 500 lbs. \$9.00, \$16.00 per 1000 lbs., ton \$30.00.

Fish Guano or Dried Fish. Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended.

Also used to mix with other fertilizers

to increase the ammonia analysis. In 200-lb. sacks only, \$5.25, \$47.00 per ton.

Farmo-Germ. A nitrogen gathering bacteria to be used when planting or sowing leguminous plants such as clover, peas, beans, etc. Trial size bottles 50c., acre size bottles \$2.00.

Guano (*Pure Peruvian*). Apply 400 to 500 lbs. per acre. Composed of deposits of pelican and bird manure from South American coasts; very quick in action; used for garden truck principally. 5 lbs. 30c., 50c. per 10 lbs., 25 lbs. 90c., \$2.75 per 100 lbs., 200 lbs. \$4.75, \$42.00 per ton.

Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 10c. per lb., 5 lbs. 40c., \$1.75 per 25 lbs., 50 lbs. \$2.75, \$5.00 per 100 lbs.

Kainit (*Potash Salts*). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. 5 lbs. 20c., 35c. per 10 lbs., 25 lbs. 50c., \$1.25 100 lbs., 200 lbs. \$2.00, \$15.00 ton.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and wornout soils, also for mixing with Paris Green. 5 lbs. 15c., 30c. per 25 lbs., 50 lbs. 50c., 85c. per 100 lbs., 200 lbs. \$1.50, \$10.00 per ton.

Lawn Dressing (*Michell's Odorless*). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs. 30c., 50c. per 10 lbs., 25 lbs. \$1.00, \$1.75 per 50 lbs., 100 lbs. \$3.00, \$5.00 per 200 lbs., 1000 lbs. \$21.00, \$40.00 per ton.

Lawn Lime (*Hydrated Limoid*). This is a very fine article for distributing on grass.

It promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. \$1.00, 500 lbs. \$3.75, ton \$12.50. Special price in carload lots.

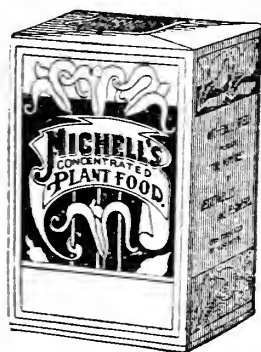
Manure. At short notice we can usually supply first-class horse and cow manure in carload lots only. Prices quoted on request.



FERTILIZERS—Continued

MAPES CELEBRATED FERTILIZERS. Prices quoted here are F. O. B. Philadelphia. When shipped direct from Mapes' factory the price will be 30c. less per sack, and \$3.00 less per ton than prices herewith quoted. No less than 200 lb. sacks are sold as we do not carry Mapes Fertilizers in stock.

	Sack of 200 lbs.	Ton of 2000 lbs.
Potato Manure	\$4.50	\$42.00
Corn Manure	4.25	40.00
Cabbage and Cauliflower Manure	4.50	43.00
Fruit and Vine Manure	4.50	43.00
Grass and Grain, Spring Top Dressing	4.75	46.00
Complete Manure, for general use	4.50	42.00
Complete Manure, for heavy soils	4.75	45.00
Complete Manure, for light soils	4.85	47.00
Vegetable Manure, for all soils	4.85	47.00
Early Vegetable and Truck Manure	4.85	47.00



Plant Food (Michell's). A highly concentrated chemical fertilizer for house use. 15c. per 1/2-lb. pkg. (by mail, 24c.); 4 pkgs. by express, 50c.

Plant Food (Bowker's). Similar to the above in character and purpose, entirely odorless. 1/2-lb. pkgs. 15c. (by mail, 24c.); 1-lb. pkg., 25c. (by mail, 40c.).

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. 1 lb., 10c.; 35c. per 5 lbs.; 10 lbs., 50c.; \$1.15 per 25 lbs.; 50 lbs.,

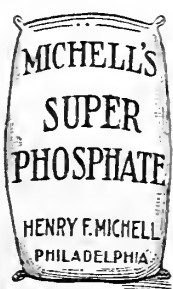
\$1.75; \$3.00 per 100 lbs.; 200 lbs., \$5.50.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 8c. lb.; 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; 1/2-ton, \$30.00; \$58.00 per ton.



Nitro-Culture. A nitrogen gathering bacteria, somewhat like Fermo-Germ except that it is in a dry cotton form, which is soaked in water to extract the bacteria. It can be used for legumes such as clover, peas, beans, etc., only. Always state crop for which it is desired when ordering. Trial pkgs. for sweet peas, garden peas and beans only, 25c. For all other legumes: 1/4-acre pkgs., 50c.; \$1.50 per acre pkg.; 5 acre pkgs., \$5.00.

Phosphate (High Grade Ammoniated). For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 200 lbs.; ton, \$25.00.



Phosphate (Thomas' Basic Slag). Used extensively for top dressing lawn, grass and grain lands; contains the proper elements to produce a rich luxuriant growth; apply 600 to 800 lbs. per acre. \$2.75 per 200-lb. bag; per ton, \$22.00.

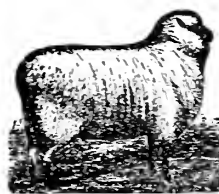
Potato Manure. Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 75c.; \$1.10 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; ton, \$30.00.

Poudrette (Native Guano). Apply 1000 lbs. per acre. Extensively used for garden, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.50 per 200 lbs.; 600 lbs., \$6.00; \$8.00 per 1000 lbs.; per ton, \$15.00.

Radix. A very coarse ground bone, which does not become entirely available for several years, during which time it continues to feed the soil. Its chief value is for fertilizing grape vines. Made from pure raw bone. 200-lb. bags only. \$4.25 per bag; per ton, \$40.00.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. 10c. per lb.; 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.25 per 200 lbs.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 10 lbs., 20c.; 30c. for 25 lbs.; 50 lbs., 55c.; \$1.00 per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.



Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure, it is clean and easily handled, besides giving immediate results. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 500 lbs., \$9.00; \$16.00 per 1000 lbs.; per ton, \$30.00.

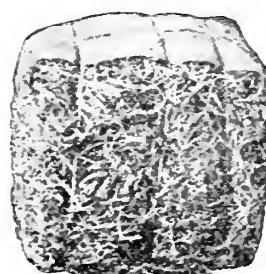
Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on and underneath the surface. 10c. lb.; 5 lbs., 35c.; \$1.00 per 25 lbs.; 100 lbs., \$3.50.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 1 lb., 10c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.50 per 100 lbs.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200 lbs.; ton, \$39.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 15c. lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.25.

Thomson's Special Chrysanthemum Manure. Especially recommended and used by the leading private gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.50; \$7.50 per 56-lb. sack.



Tobacco Stems. For fumigating, mulching and fertilizing these are invaluable. The chief fertilizing element in them is the potash. They make an excellent top dressing for lawns in winter. 1 lb., 5c.; 20c. per 5 lbs.; per bushel, 50c.; \$1.00 per barrel sack; large bales, \$2.00; \$6.50 per 1/2-ton; ton, \$12.00.

Wood Ashes. See Ashes at top of opposite page.

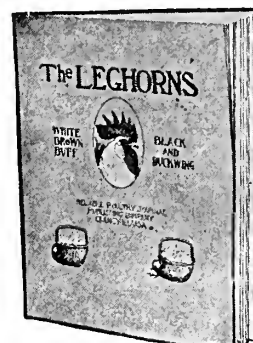
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We can also furnish any other books not mentioned here that might be desired.

CLIMAX LAWN SAND

A destroyer of weeds, plantain, and at the same time an excellent chemical fertilizer, one of the best things that has ever been offered in this line.

3½ lbs., 40c.; 75c. per 7-lb. can; 14 lbs., \$1.25; \$2 per 28 lbs.; 56lbs., \$3.50; \$6 per 112 lbs.; 560 lbs., \$25; \$45 for 1,120 lbs.

100,000-12-10. W. B. ca-1000

HENRY F. MICHELL CO.

518 Market Street,

(Note our New Address)

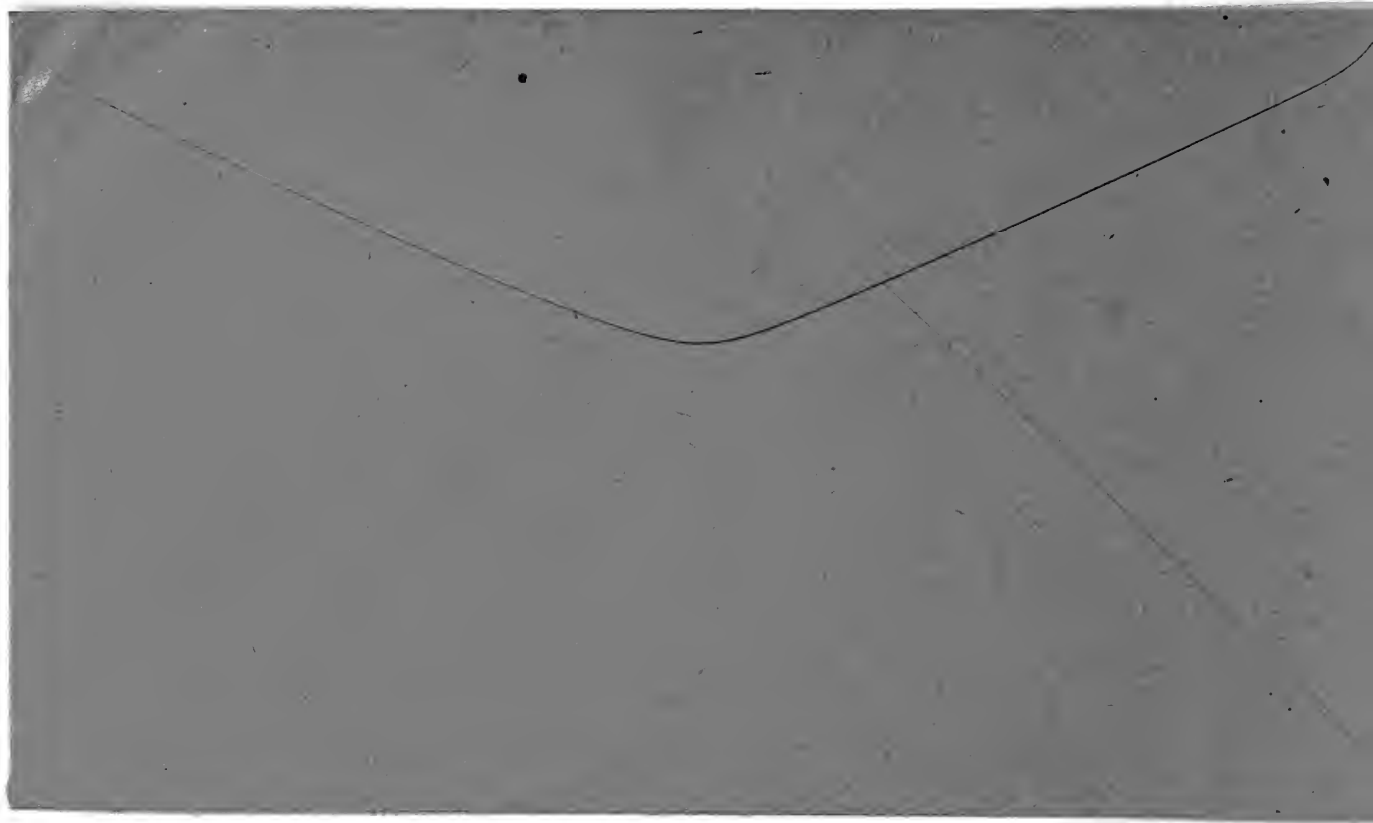
"SEEDS," ETC. Philadelphia, Pa.

From

P. O.

County

State

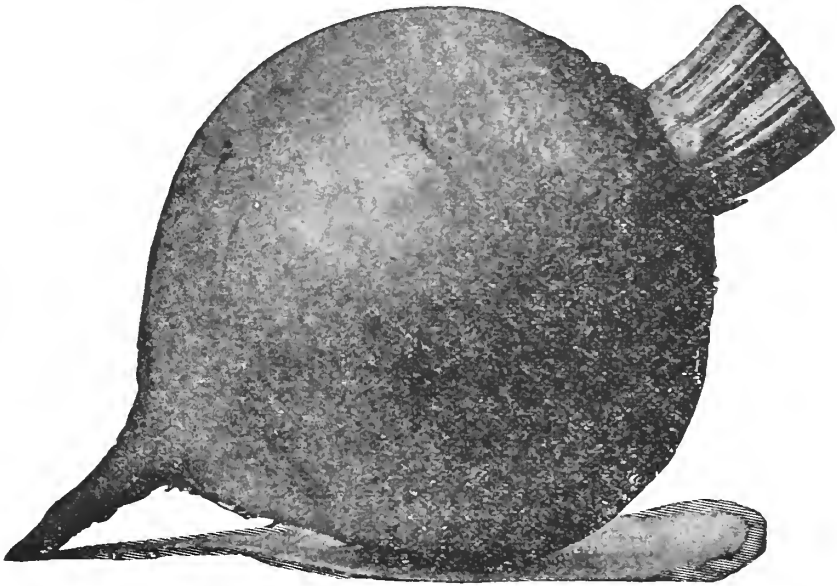


POUDRETTE

THE MARVELOUS FERTILIZER

For VEGETABLES, FLOWERS, GRASS and GRAIN

\$15.00 per ton of 2000 lbs.



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BELL and
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518 MARKET STREET,
PHILADELPHIA

"Evergreen" Seed Gardens, Torresdale, Pa.

POUDRETTE

is undoubtedly the lowest-priced fertilizer in existence, considering its great value for producing large, quick crops. It is a natural fertilizer, containing no chemicals, valuable for top dressing lawns, fields, or for using in connection with planting potatoes, vegetable, flower or grass seeds. It should be applied broadcast (as it will not go through a drill) at the rate of 1000 lbs. per acre. It is available the first season and cannot burn, no matter how much is applied.

PRICES

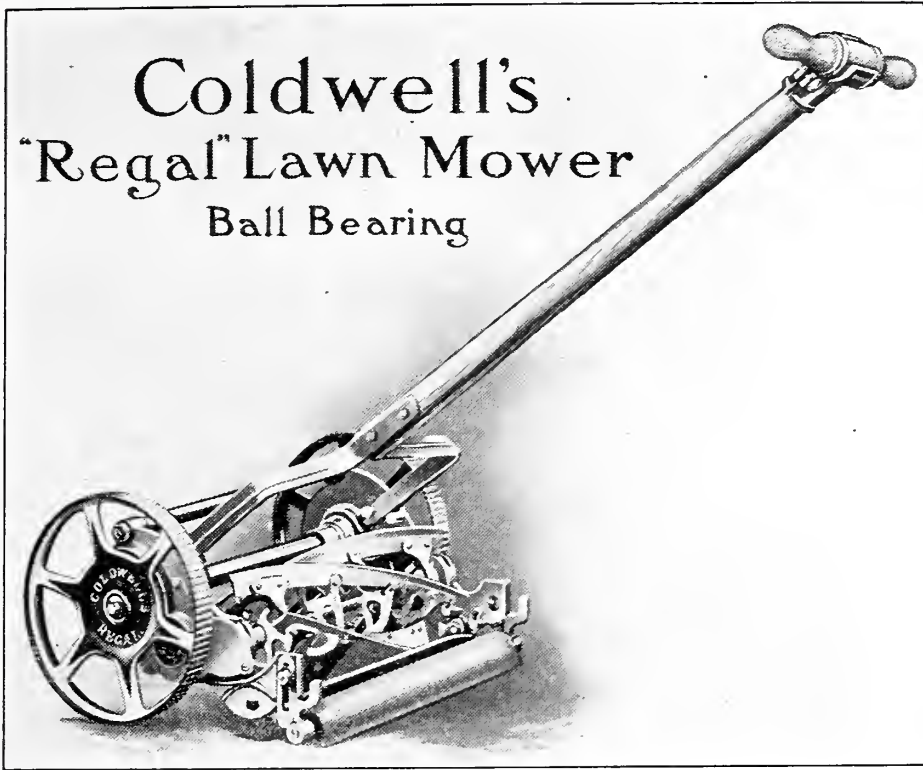
5 lbs.	\$0.20	200 lbs.	\$ 2.50
10 " . . . . .	.35	600 "	6.00
25 " . . . . .	.60	1000 "	8.00
100 "	1.50	2000 " (1 ton)	15.00

The demand is always greater than the supply

ORDER NOW

Coldwell's "Regal" Lawn Mower

Ball Bearing



LIST PRICES.

14-inch	\$ 9 00	18-inch	\$11 00
16-inch	10 00	20-inch	12 00

GENERAL DESCRIPTION.

DIAMETER OF DRIVE WHEELS: 10 $\frac{1}{4}$ inches.

GEARS: External rear drive on both sides.

RATCHETS: Indestructible triple-pawl in each drive wheel.

DIAMETER OF REVOLVING CUTTER: Six inches.

NUMBER OF BLADES: Five.

BEARINGS: Coldwell's patent adjustable ball bearings in both drive wheels.
adjustable bronze in the revolving cutter bearings.

BOTTOM KNIFE: Coldwell's patent double-edged knife.

WIDTH OF CUT: 14 to 20 inches.

FINISH: Gold with green trimmings.

SPECIAL FEATURES: The only Lawn Mower made with ball bearings in the wheels. These mowers have terrace mowing arrangement, and can be supplied with Grass Catcher.

FOR SALE BY

MICHELL'S SEED HOUSE,

518 Market Street,

Philadelphia, Pa.

"EVERGREEN" SEED GARDENS,

- -

TORRESDALE, PA.

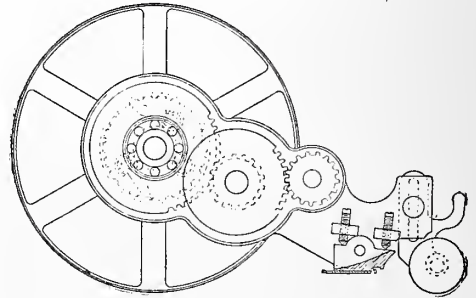
Coldwell's "Regal" Lawn Mower



COLDWELL'S REGAL is the highest grade Lawn Mower on the market. The principal features being the device for taking up the wear in the drive wheels, its indestructible ratchet, renewable bearings and double-edged reversible bottom knife.

In the Regal Lawn Mower the drive wheels are locked fast to the ends of a solid steel shaft, which is supported on ball bearings. These bearings are adjustable in such a manner that the wheels can always be made to run true no matter how much the machine is worn and all looseness therein can be taken up. In other Lawn Mowers where they have no such device for tightening, the drive wheels get loose through wear, which requires either new wheels or new side frames, usually both.

Coldwell's Regal is equipped, as will be seen from the illustration, with triple pawl ratchet in each wheel. These pawls are practically indestructible and will outwear any other parts in the mower. Usually in Lawn



Mowers the ratchet is the weakest point, in this Lawn Mower it is the strongest.

All bearings in the Regal Mower are renewable, thus making it unnecessary to purchase a whole new side frame should any one of the three bearings become worn through use.

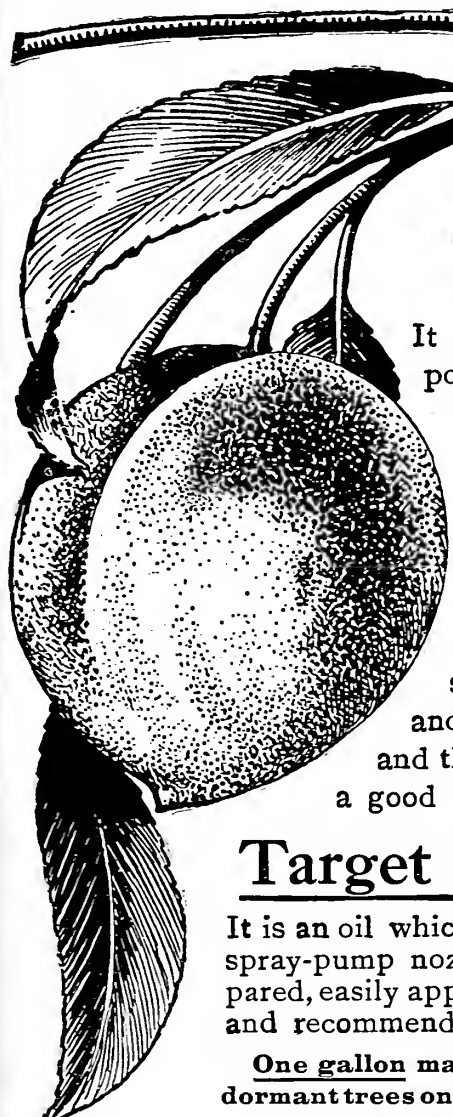


These mowers are supplied with Coldwell's patented double-edge bottom knife. As will be seen by the illustration, this knife is made in the shape of a piece of channel iron. This makes it far stiffer than the old style flat knife and also permits a new edge to be brought into use should one be injured or worn out. These knives are only used on Coldwell Lawn Mowers.

The Regal Mower is equipped with our patent terrace mowing arrangement and is guaranteed to give absolute satisfaction. It is furnished with five blades in the revolving cutter insuring a fine, even cut and the large diameter drive wheels and its fine cut gears insure ease and quietness of running. By means of the triple-pawl ratchet, such as is used in this mower, the gears do not revolve when the mower is drawn backwards, thus materially lengthening their life.

SPRAY YOUR TREES

FOR PERFECT FRUIT

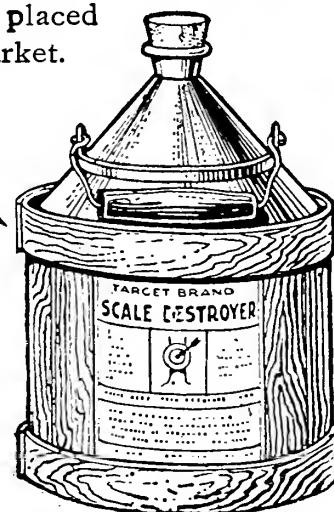


It will positively kill San José Scale without injury to the trees. Orchards treated with this preparation are freed from the ravages of scale and similar insects, and continue healthy and prolific. No skilled labor is required, and the only apparatus and material needed are a good spray-pump, water, and

—that is the only safe way. SAN JOSE SCALE and similar pests can no longer damage orchards to any appreciable extent, nor prevent an abundant fruit crop, if sprayed with

Target Brand Scale Destroyer

It is the most effective destroyer of Scale ever placed on the market.



Target Brand Scale Destroyer

It is an oil which is instantly soluble in water and passes through any spray-pump nozzles without clogging. It is economical, quickly prepared, easily applied and does its work rapidly and effectually. Endorsed and recommended by fruit-growers everywhere.

One gallon makes twenty gallons dilution ready to apply. For use on dormant trees only (while the leaves are off during fall, winter and spring).

Target Brand Scale Destroyer costs 35c. per qt., 65c. per half gal., \$1 per gal., \$3.75 per 5 gals., \$7.50 per 10 gals.; half-bbl. 50 cts. per gal.; 50-gal. bbls. at 46 cts. per gal.

LIME - SULPHUR (Scalime)

This is now extensively used for spraying against scale; desirable for peach trees and other stone fruits. It is a fungicide as well as a scale destroyer, and is highly effective. Dilute for dormant trees, 1 gallon to 12 gallons of water, either hot or cold. Mixes instantly, and does not separate.

Quart can	\$0 25	10-gallon can	\$3 75
Half-gallon can	45	25-gallon bbl.	6 50
1-gallon can	75	50-gallon bbl.	10 50
5-gallon can	2 25		

"TARGET BRAND" WEED KILLER



As Used on Drives and Roads

is a most effective solution of high-grade chemicals, combined by secret process. The dilution is 1 to 50 parts of water made so easily that a boy or child can attend to it. A remedy that not only reduces the amount of labor, but does it at about one-tenth the cost. A gallon diluted is sufficient to cover a space of 100 to 150 square yards. Application is best made with a watering-can to insure uniform distribution, the most advisable time being after a rain, which is when weeds start to sprout and grow. "Target Brand" Weed Killer effectively destroys the roots as well as the top growth, and single applications last almost an entire season. Fine for tennis courts.

PRICES

Quart, makes 51 quarts	\$0 45	10 gallons, makes 510 gallons	\$8 50
Half-gallon, makes 25½ gallons	65	25 gallons, makes 1,275 gallons	18 75
Gallon, makes 51 gallons	1 00	50 gallons, makes 2,550 gallons	35 00
5 gallons, makes 255 gallons	4 50		

HENRY F. MICHELL CO.,



Market St., Philadelphia

"Evergreen" Seed Gardens, Torresdale, Pennsylvania

MICHELL'S GRASS SEEDS

READY FOR MOWING
10 TO 5 WEEKS FROM SOWING



MICHELL'S
GOLF COURSE GRASS SEED
\$3.25 PER BUSHEL




MICHELL'S SHADED
LAWN SEED
\$1.25 PER PECK
\$5.00 PER BUSHEL



MICHELL'S EVERGREEN
LAWN SEED

\$1.00 PER PECK
\$4.00 PER BUSHEL



MICHELL'S
PERMANENT PASTURE
GRASS SEED
\$3.00 PER BUSHEL

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